

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012950.D
 Acq On : 09 Oct 2019 18:05
 Operator : JC/SP
 Sample : K5213-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-1

Quant Time: Oct 10 01:39:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102826	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	111781	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
35) Dibromofluoromethane	5.49	113	89536	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	
50) Toluene-d8	8.71	98	345389	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	11.14	95	121082	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.39	50	58721	30.764	ug/l #	46
4) Vinyl Chloride	1.40	62	6858738	3481.406	ug/l	93
5) Bromomethane	1.64	94	313	0.382	ug/l #	73
10) Methyl Iodide	2.51	142	128	5.141	ug/l #	40
11) Tert butyl alcohol	3.03	59	228473	400.767	ug/l	99
12) 1,1-Dichloroethene	2.37	96	8350	4.802	ug/l	96
14) Allyl chloride	2.70	41	625	0.202	ug/l #	26
16) Acetone	2.43	43	86340	76.168	ug/l	99
17) Carbon Disulfide	2.56	76	4579	0.924	ug/l #	88
18) Methyl Acetate	3.02	43	28078	10.450	ug/l #	51
19) Methyl tert-butyl Ether	3.19	73	5491	0.914	ug/l	98
20) Methylene Chloride	2.85	84	549	0.264	ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	86687	46.515	ug/l	95
25) 2-Butanone	4.67	43	5731	3.644	ug/l #	89
27) cis-1,2-Dichloroethene	4.59	96	12151395	5656.605	ug/l	88
28) Bromochloromethane	4.96	49	50	Below Cal	#	13
31) Cyclohexane	5.57	56	996	0.319	ug/l #	83
36) 1,1-Dichloropropene	5.65	75	14010	5.402	ug/l #	50
37) Ethyl Acetate	4.67	43	5731	1.976	ug/l #	67
38) Carbon Tetrachloride	5.65	117	18420	7.297	ug/l #	18
39) Methylcyclohexane	7.45	83	1065	0.339	ug/l	93
40) Benzene	6.14	78	49892	6.514	ug/l	97
44) Trichloroethene	7.21	130	23516	11.072	ug/l	92
52) Toluene	8.78	92	3846	0.785	ug/l	88
56) Ethyl methacrylate	9.18	69	183	1.882	ug/l #	19
59) 2-Hexanone	9.50	43	1352	0.599	ug/l	91
60) Dibromochloromethane	9.33	129	37910	18.772	ug/l #	10
64) Tetrachloroethene	9.33	164	37590	21.341	ug/l	94
68) m/p-Xylenes	10.36	106	799	0.239	ug/l	86
69) o-Xylene	10.70	106	1336	0.409	ug/l	88
73) Isopropylbenzene	11.01	105	2042	0.270	ug/l	99
74) N-amyl acetate	10.95	43	2077	0.638	ug/l #	41
76) 1,2,3-Trichloropropane	11.13	75	60997	26.745	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	60997	67.241	ug/l #	10

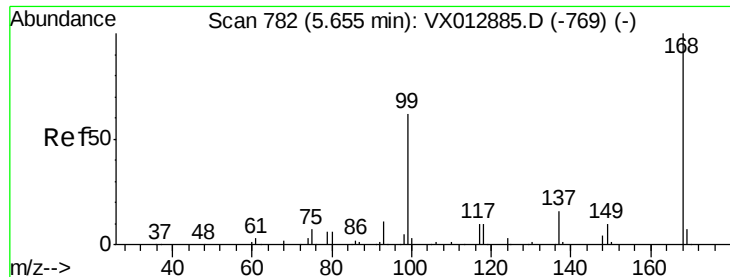
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100919\
Data File : VX012950.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.95	105	4242	0.595	ug/l	89
89) n-Butylbenzene	12.39	91	1505	0.271	ug/l #	76
90) Hexachloroethane	12.66	117	973	2.878	ug/l #	13
95) Naphthalene	13.83	128	2161	0.307	ug/l #	70

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

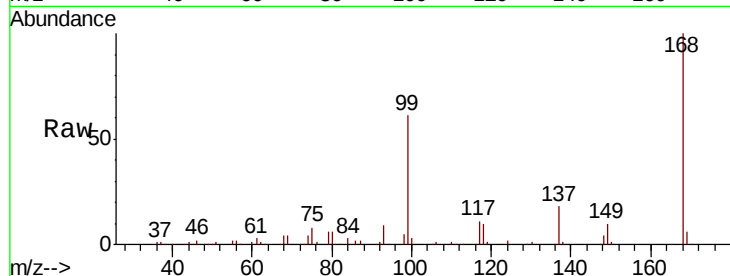
W-1

Tot Ion:168 Resp: 172061

Ion Ratio Lower Upper

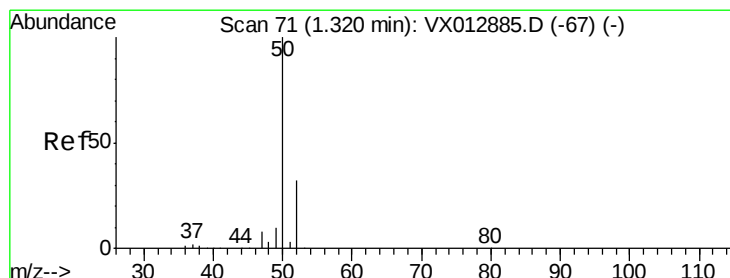
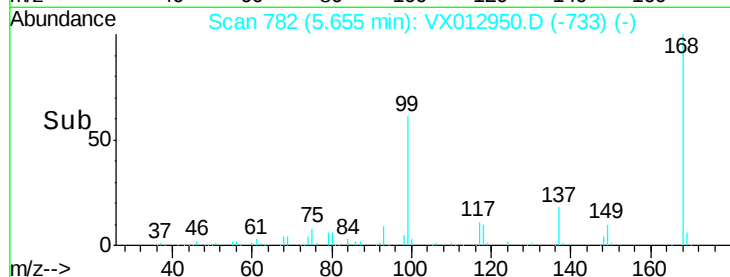
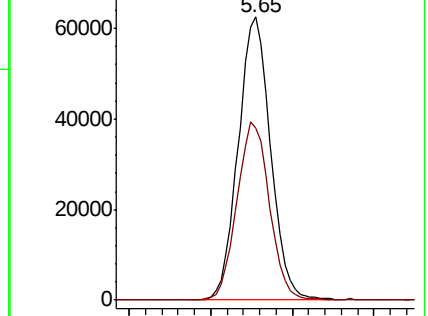
168 100

99 60.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 30.764 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.07 min

Lab File: VX012950.D

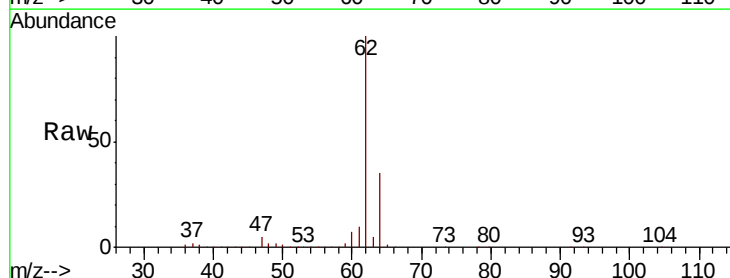
Acq: 09 Oct 2019 18:05

Tgt Ion: 50 Resp: 58721

Ion Ratio Lower Upper

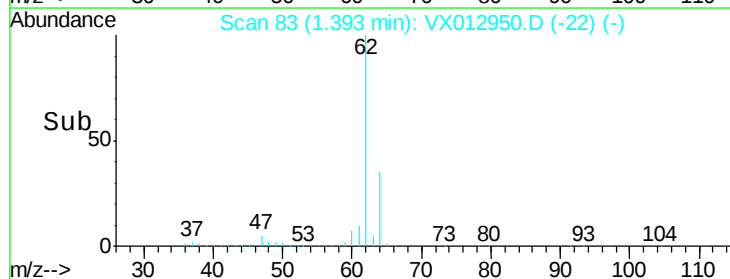
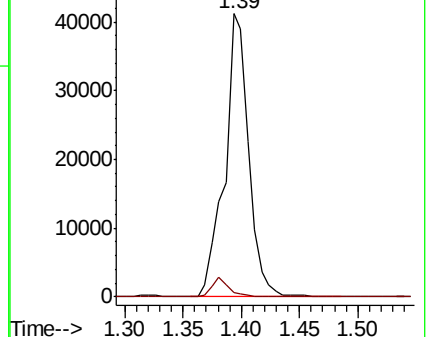
50 100

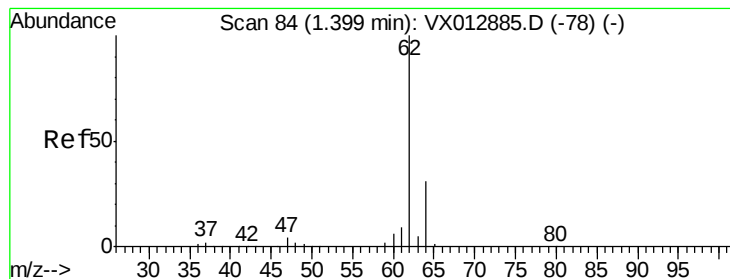
52 1.4 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 3481.406 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampled :

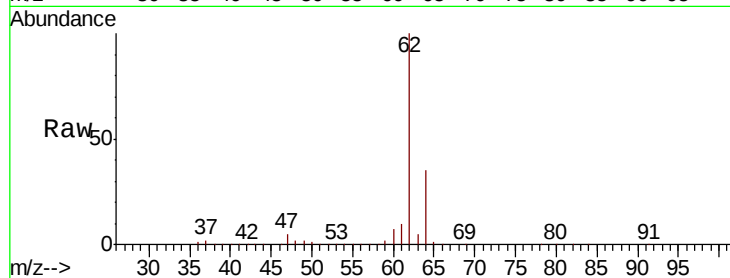
W-1

Tot Ion: 62 Resp: 6858738

Ion Ratio Lower Upper

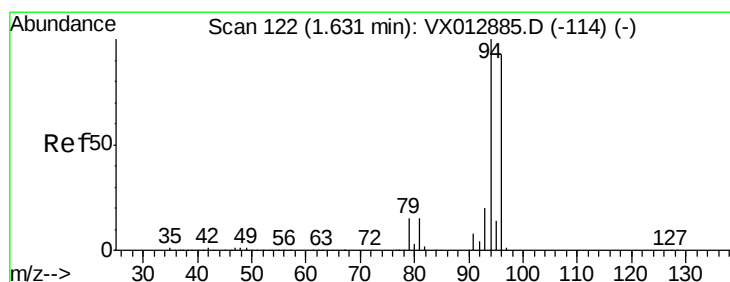
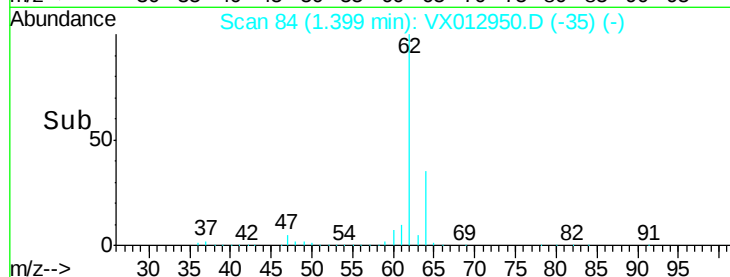
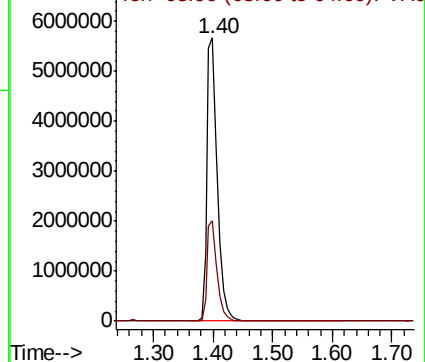
62 100

64 35.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.382 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX012950.D

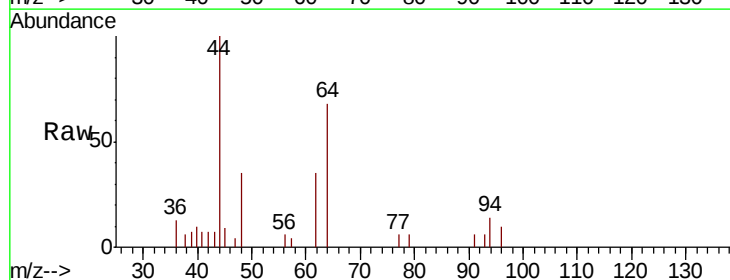
Acq: 09 Oct 2019 18:05

Tgt Ion: 94 Resp: 313

Ion Ratio Lower Upper

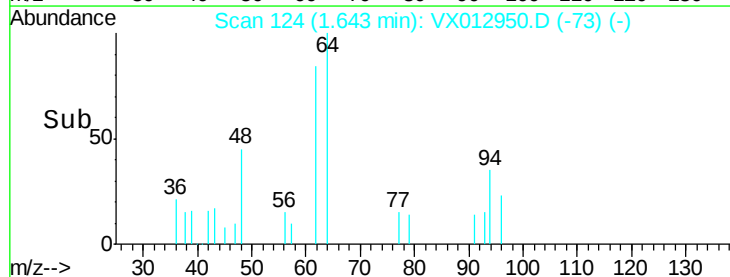
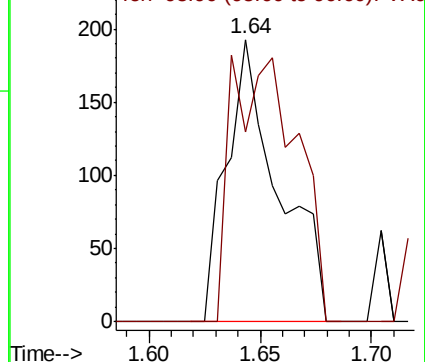
94 100

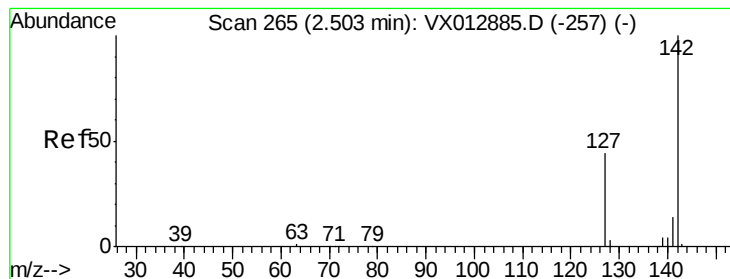
96 67.4 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methvl Iodide

Concen: 5.141 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

W-1

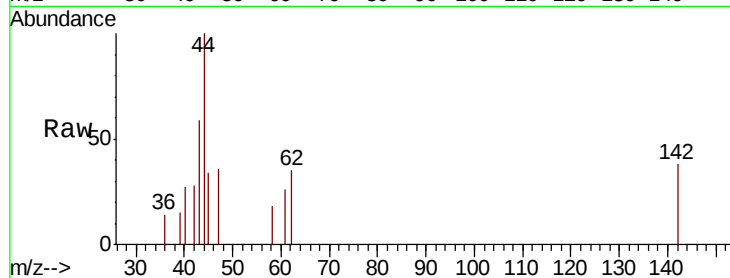
Tot Ion:142 Resp: 128

Ion Ratio Lower Upper

142 100

127 0.0 34.9 52.3#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.51

150

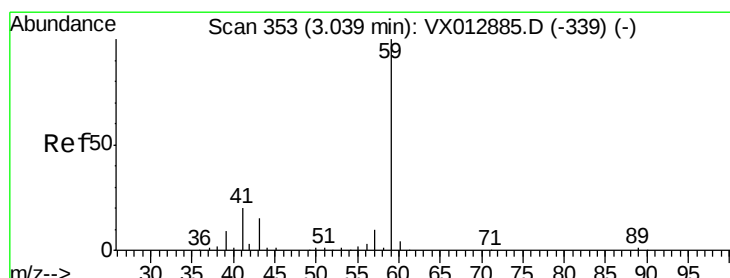
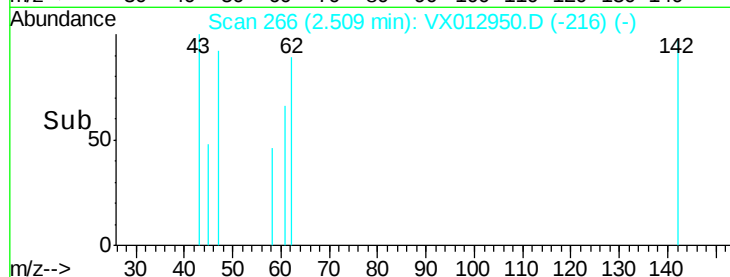
100

50

0

Time-->

2.48 2.50 2.52 2.54



#11

Tert butyl alcohol

Concen: 400.767 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX012950.D

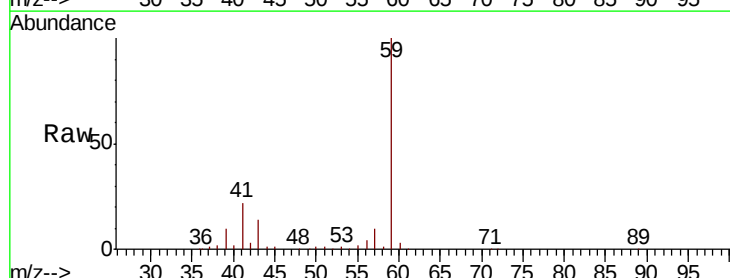
Acq: 09 Oct 2019 18:05

Tgt Ion: 59 Resp: 228473

Ion Ratio Lower Upper

59 100

57 10.2 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

120000

100000

80000

60000

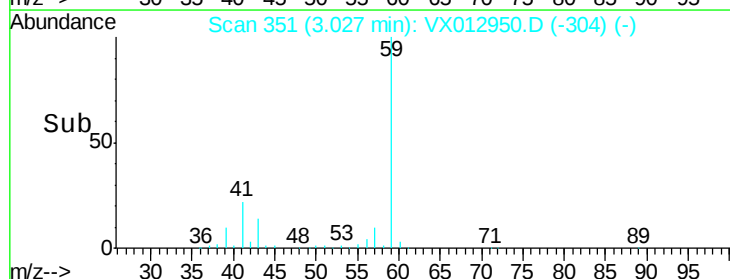
40000

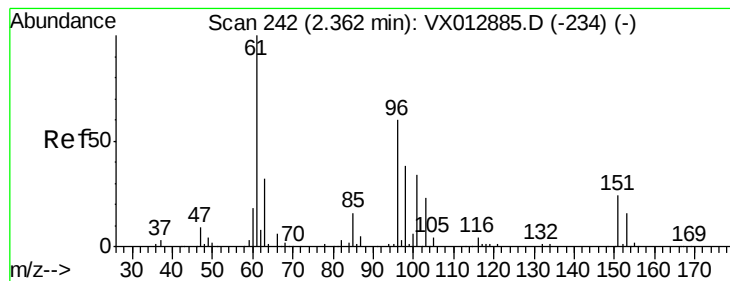
20000

0

Time-->

2.90 3.00 3.10





#12

1,1-Dichloroethene

Concen: 4.802 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :
MSVOA_X
ClientSampled :
W-1

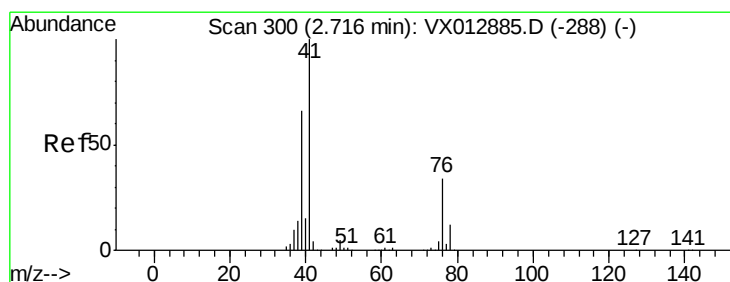
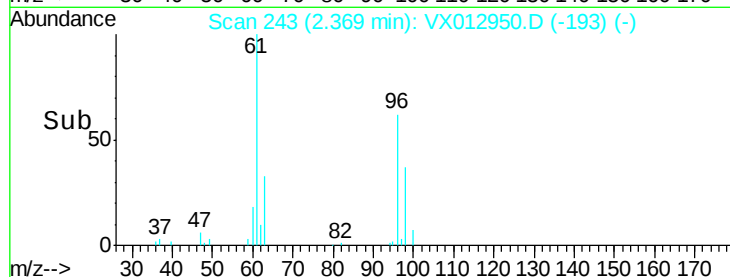
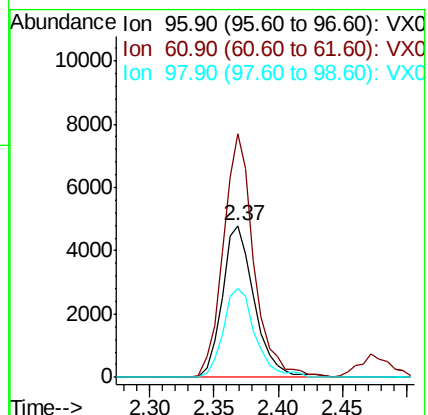
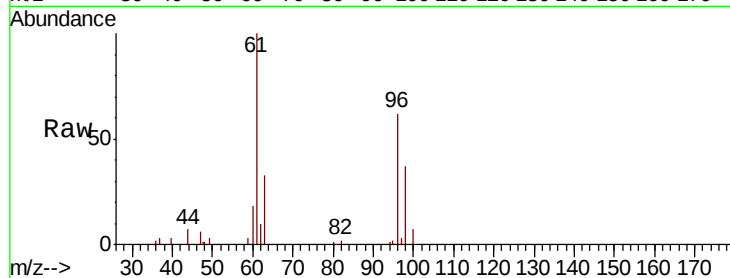
Tot Ion: 96 Resp: 8350

Ion Ratio Lower Upper

96 100

61 160.7 132.2 198.4

98 58.8 50.5 75.7



#14

Allyl chloride

Concen: 0.202 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

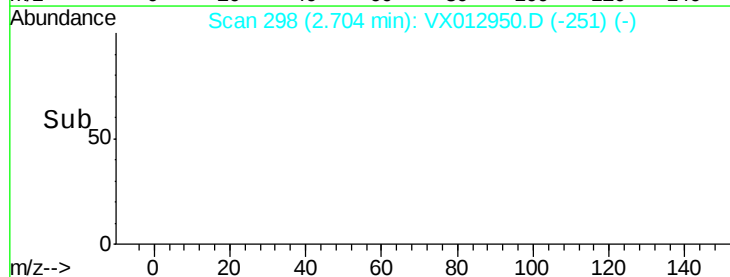
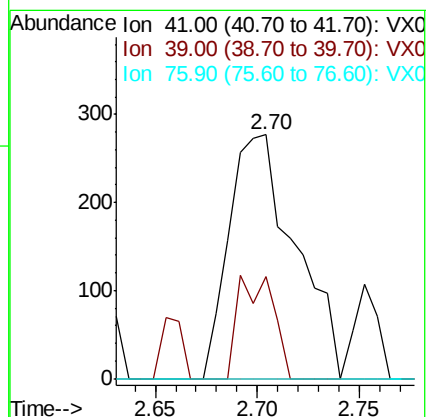
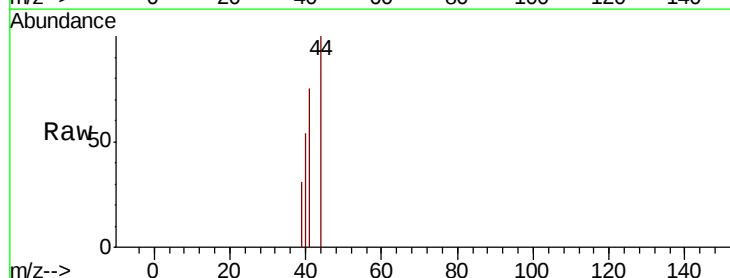
Tgt Ion: 41 Resp: 625

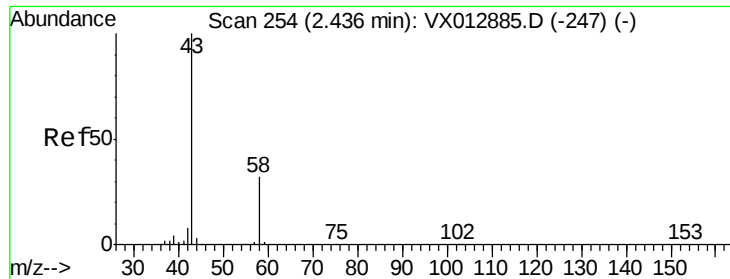
Ion Ratio Lower Upper

41 100

39 0.0 51.0 76.6#

76 0.0 26.2 39.4#





#16

Acetone

Concen: 76.168 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampled :

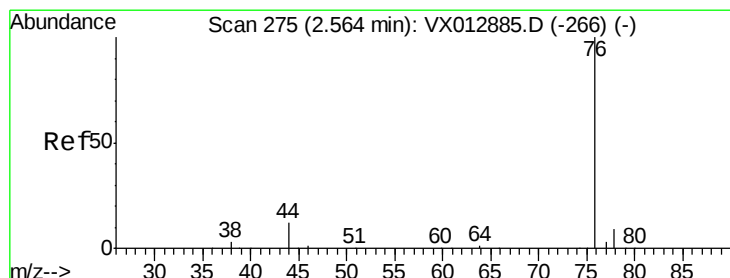
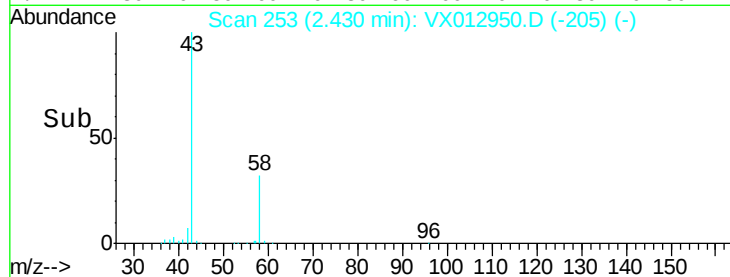
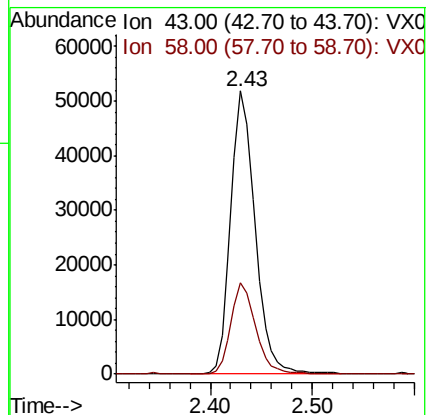
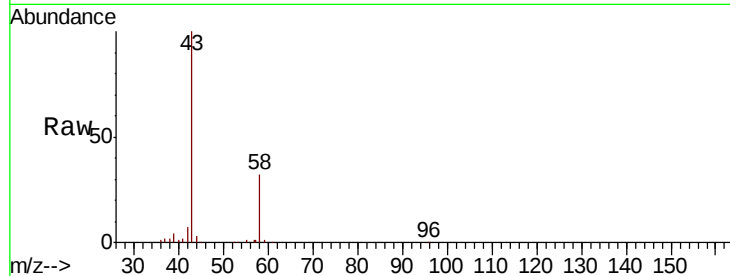
W-1

Tot Ion: 43 Resp: 86340

Ion Ratio Lower Upper

43 100

58 32.3 25.4 38.2



#17

Carbon Disulfide

Concen: 0.924 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX012950.D

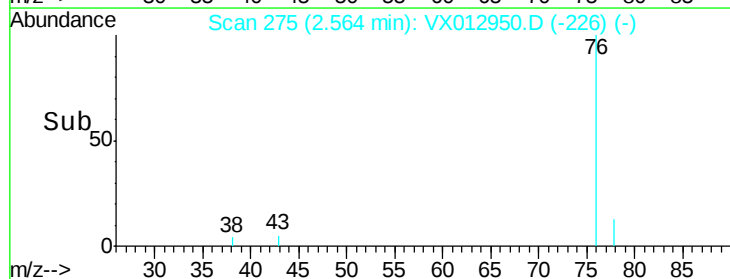
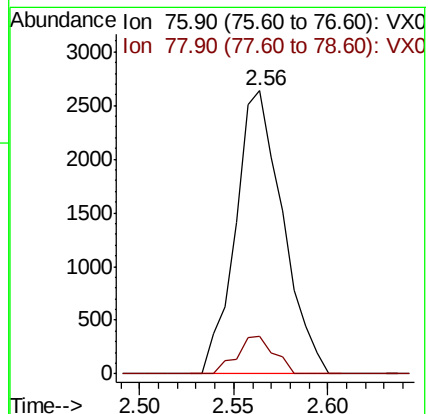
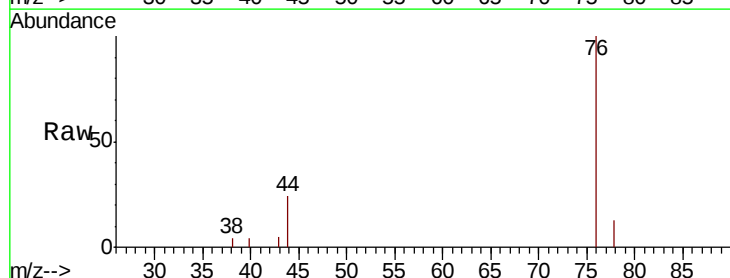
Acq: 09 Oct 2019 18:05

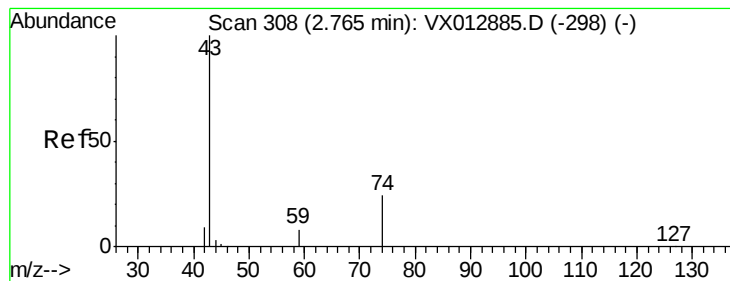
Tgt Ion: 76 Resp: 4579

Ion Ratio Lower Upper

76 100

78 13.1 7.1 10.7#





#18

Methyl Acetate

Concen: 10.450 ug/l

RT: 3.02 min Scan# 350

Delta R.T. 0.26 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

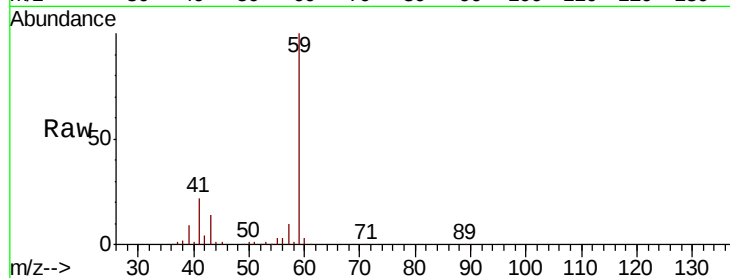
W-1

Tot Ion: 43 Resp: 28078

Ion Ratio Lower Upper

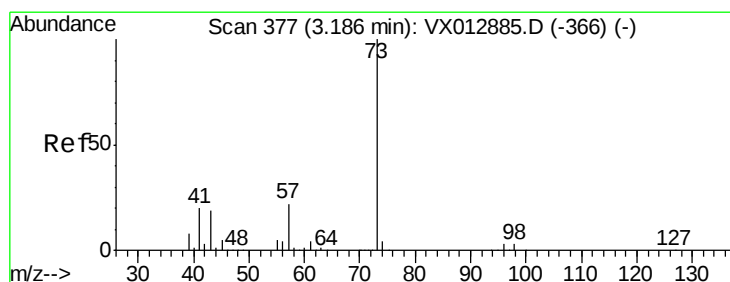
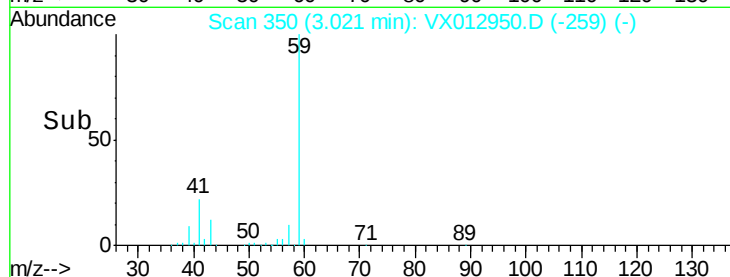
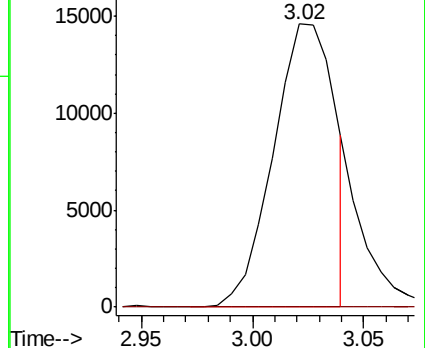
43 100

74 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.914 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX012950.D

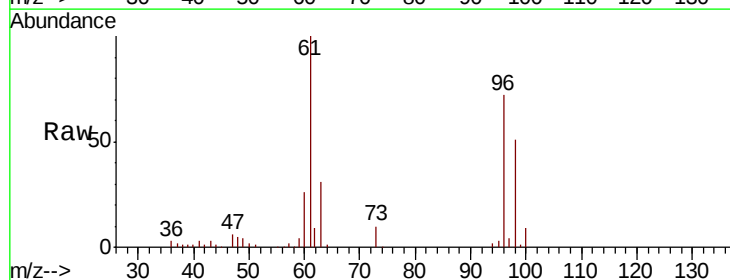
Acq: 09 Oct 2019 18:05

Tgt Ion: 73 Resp: 5491

Ion Ratio Lower Upper

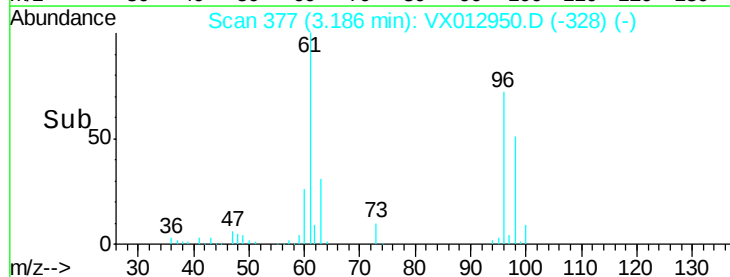
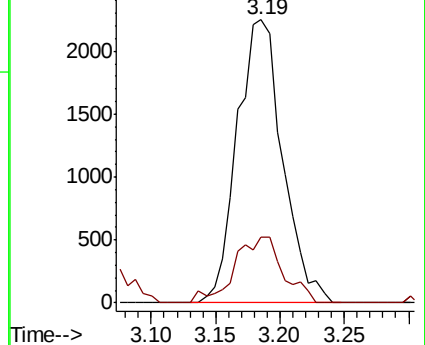
73 100

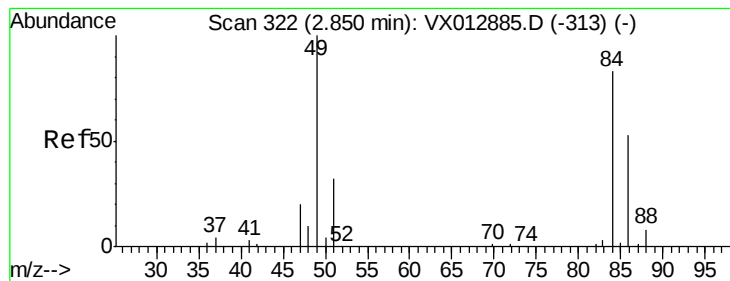
57 23.1 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#20

Methylene Chloride

Concen: 0.264 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

W-1

Tot Ion: 84 Resp: 549

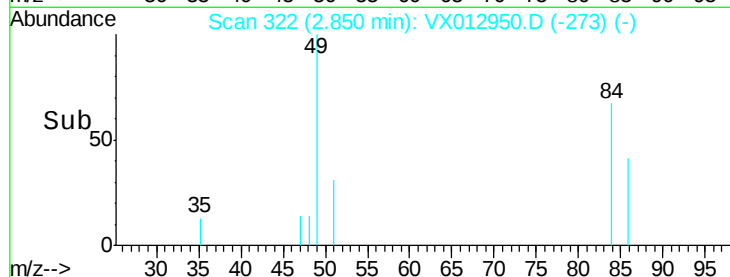
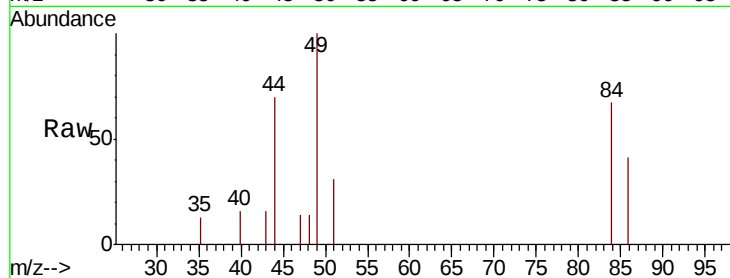
Ion Ratio Lower Upper

84 100

49 149.5 96.6 144.8#

51 46.4 30.7 46.1#

86 61.2 51.0 76.6

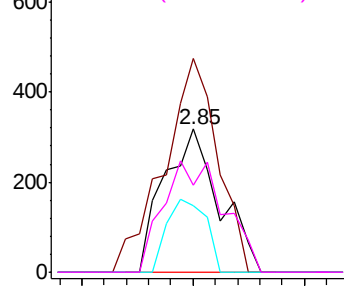


Abundance Ion 83.90 (83.60 to 84.60): VX0

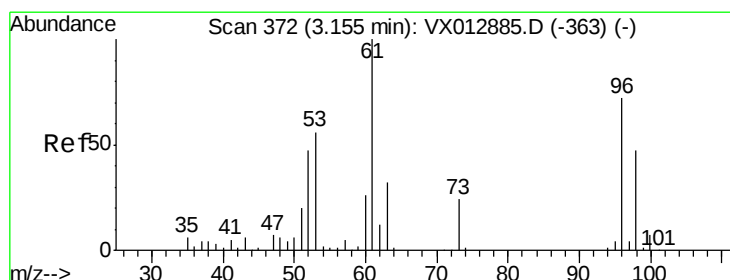
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->



#21

trans-1,2-Dichloroethene

Concen: 46.515 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

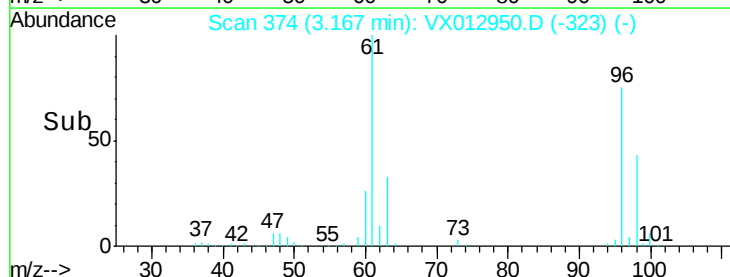
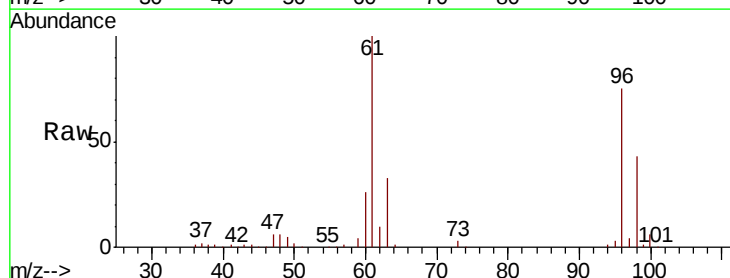
Tgt Ion: 96 Resp: 86687

Ion Ratio Lower Upper

96 100

61 133.9 110.4 165.6

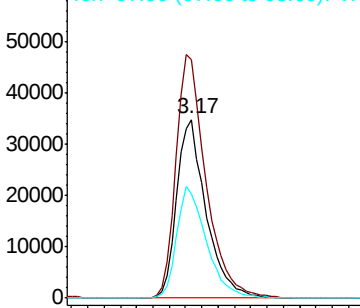
98 58.1 51.5 77.3



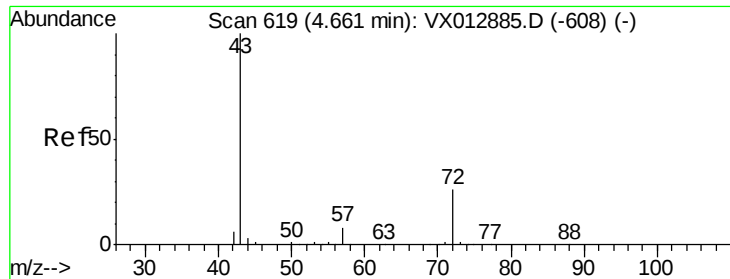
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#25

2-Butanone

Concen: 3.644 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampled :

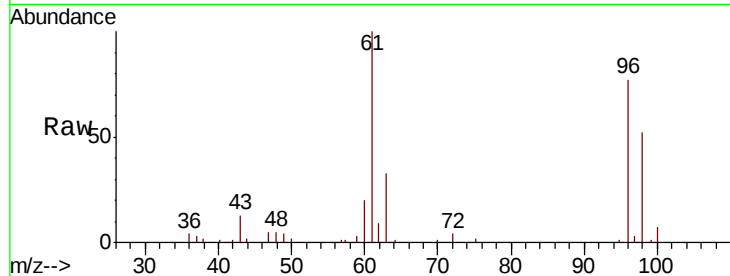
W-1

Tot Ion: 43 Resp: 5731

Ion Ratio Lower Upper

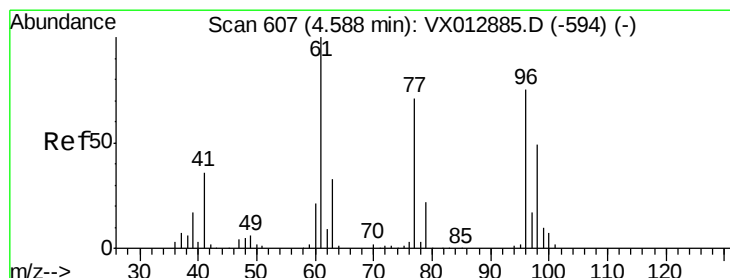
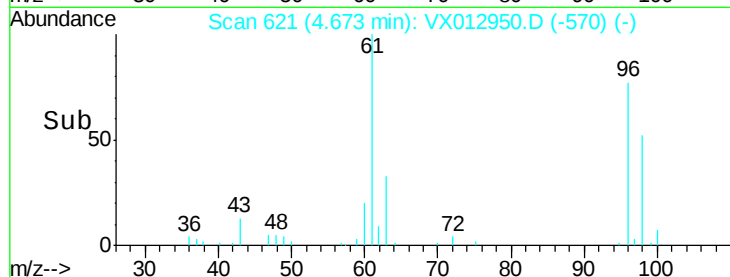
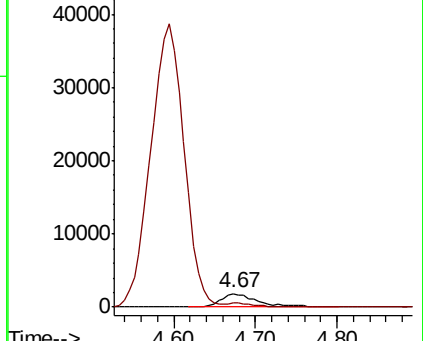
43 100

72 32.1 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 5656.605 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

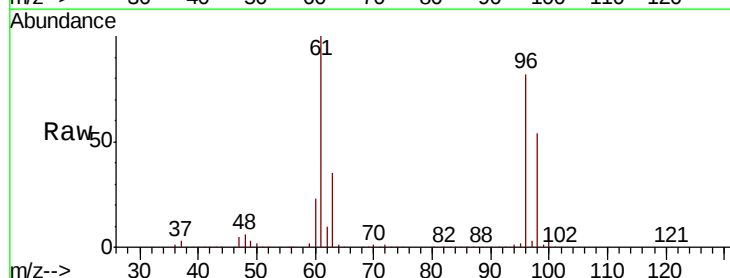
Tgt Ion: 96 Resp:12151395

Ion Ratio Lower Upper

96 100

61 125.1 0.0 290.6

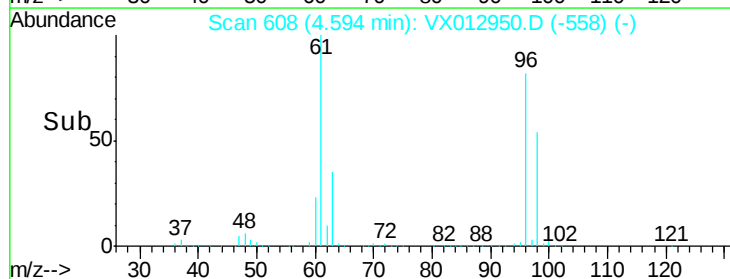
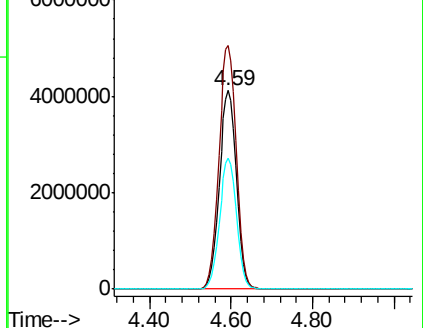
98 65.6 0.0 128.8

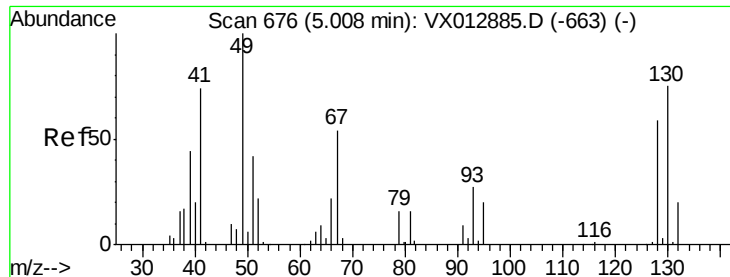


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 4.96 min Scan# 668

Delta R.T. -0.05 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :
MSVOA_X
ClientSampled :
W-1

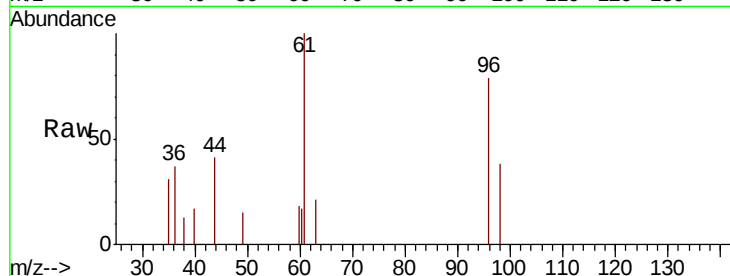
Tot Ion: 49 Resp: 50

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

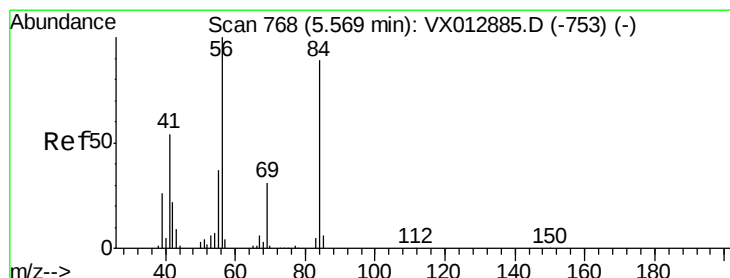
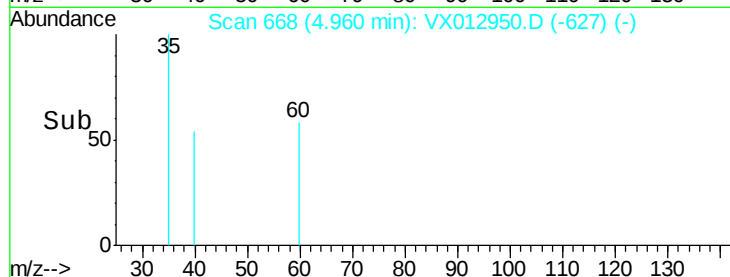
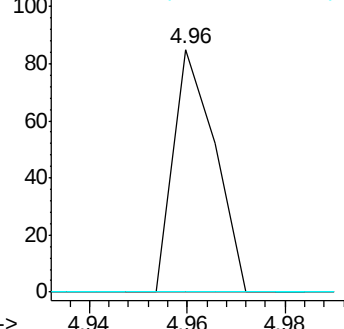
130 0.0 62.1 93.1#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 0.319 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

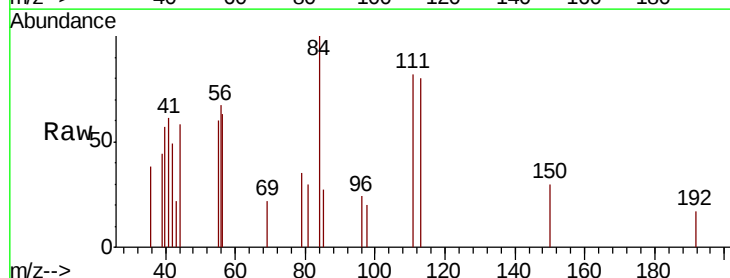
Tgt Ion: 56 Resp: 996

Ion Ratio Lower Upper

56 100

69 16.8 25.2 37.8#

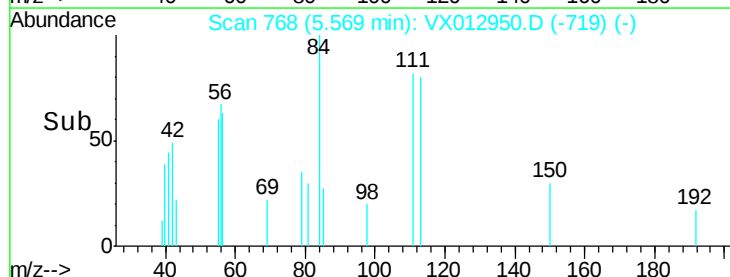
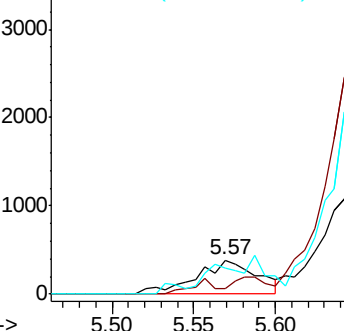
84 76.5 71.3 106.9

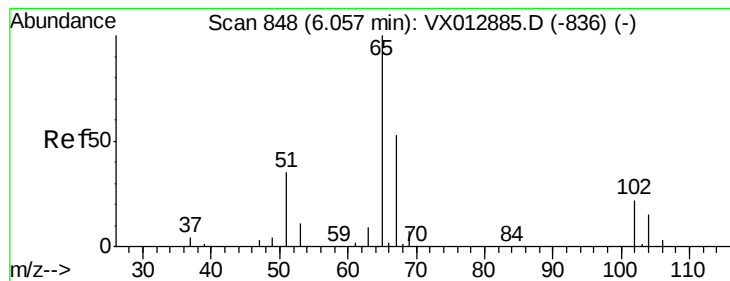


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.978 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

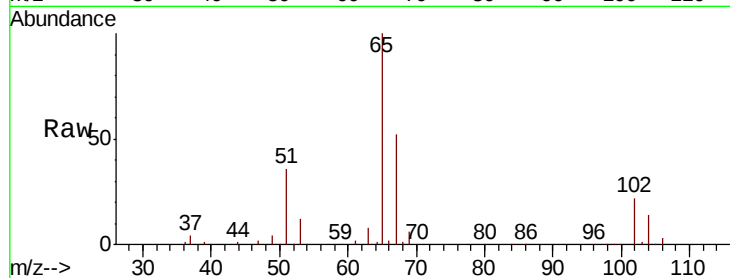
W-1

Tot Ion: 65 Resp: 111781

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

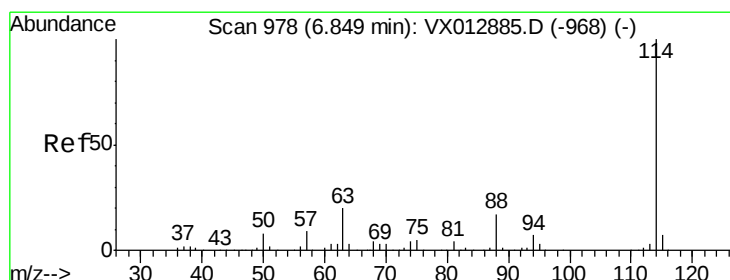
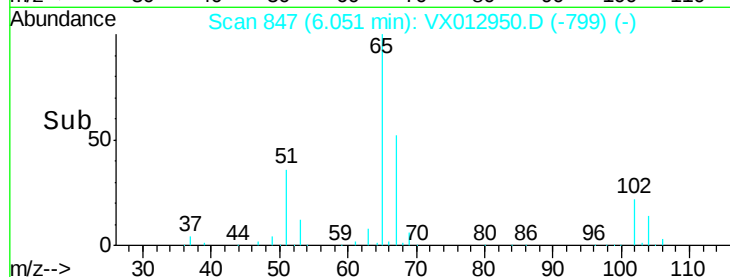
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

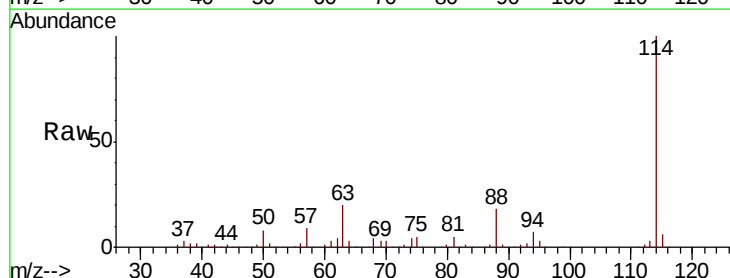
Tgt Ion: 114 Resp: 294959

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 17.6 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

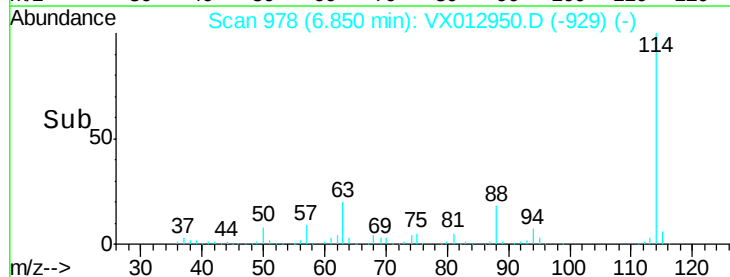
150000

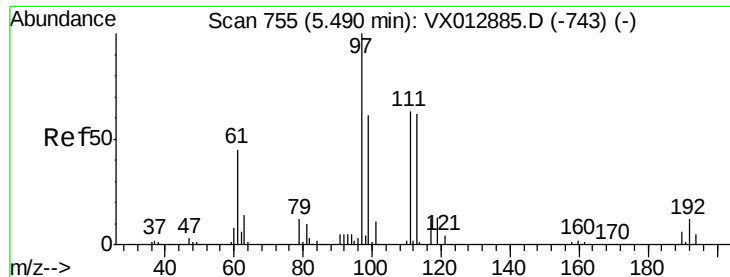
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 52.889 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

W-1

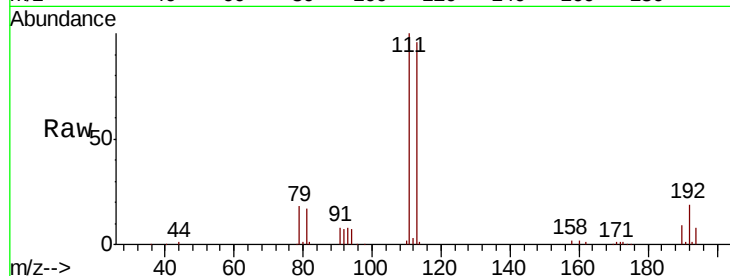
Tot Ion:113 Resp: 89536

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

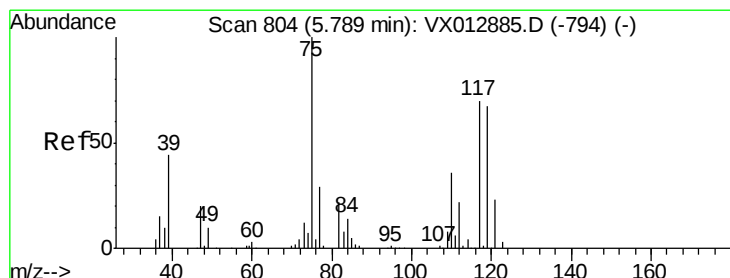
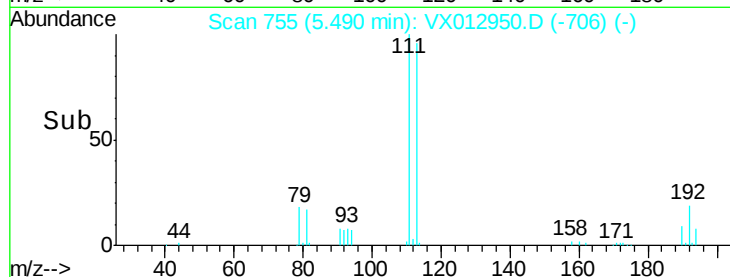
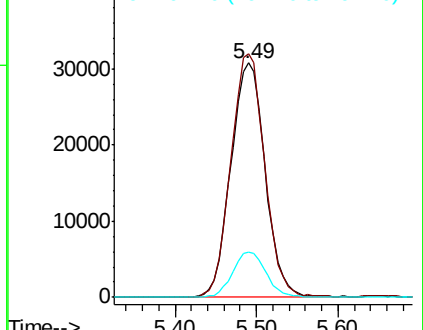
192 18.9 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.402 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

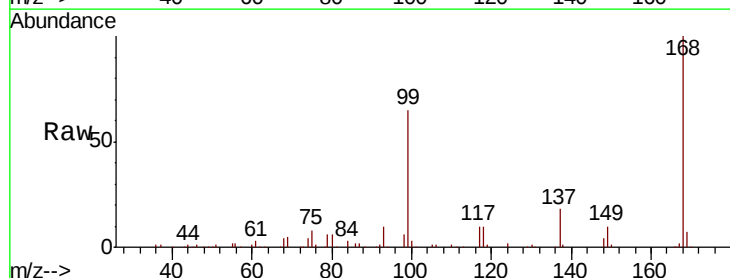
Tgt Ion: 75 Resp: 14010

Ion Ratio Lower Upper

75 100

110 9.4 17.6 52.9#

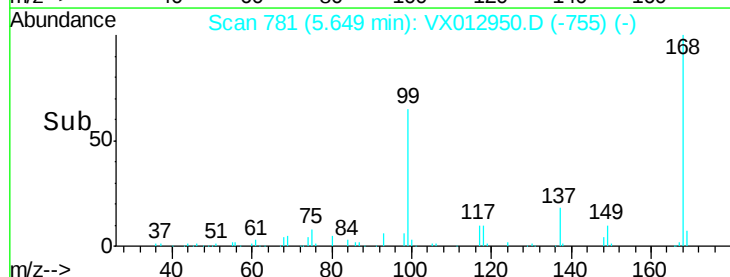
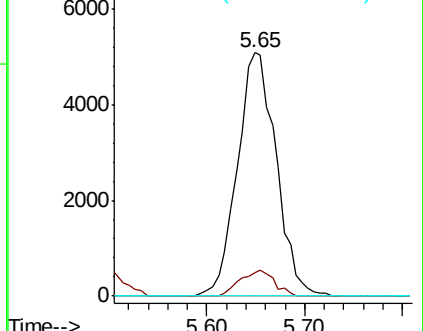
77 0.0 24.4 36.6#

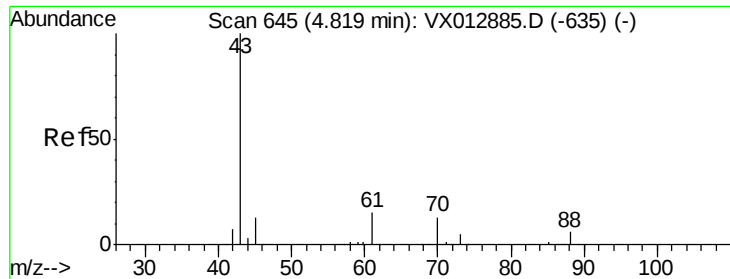


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

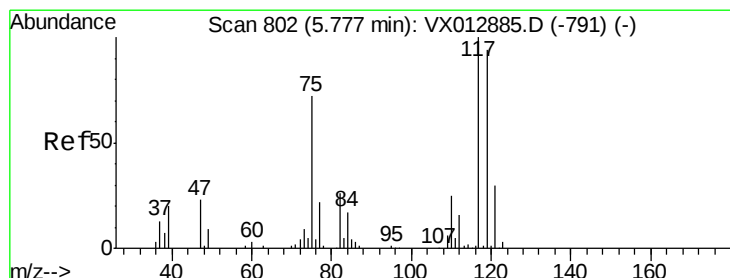
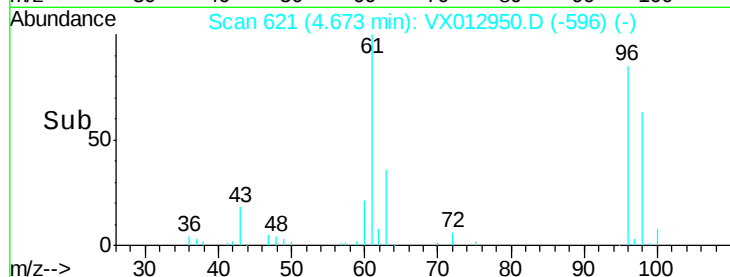
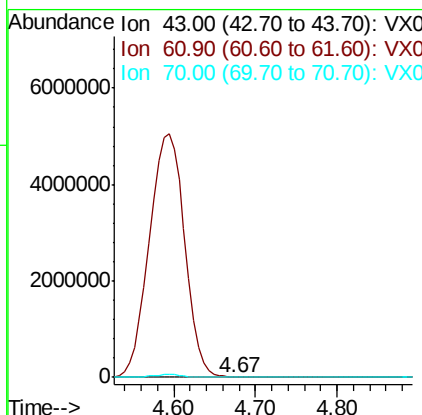
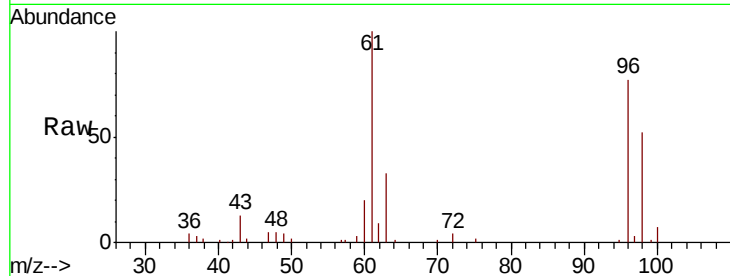




#37
Ethyl Acetate
Concen: 1.976 ug/l
RT: 4.67 min Scan# 621
Delta R.T. -0.15 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

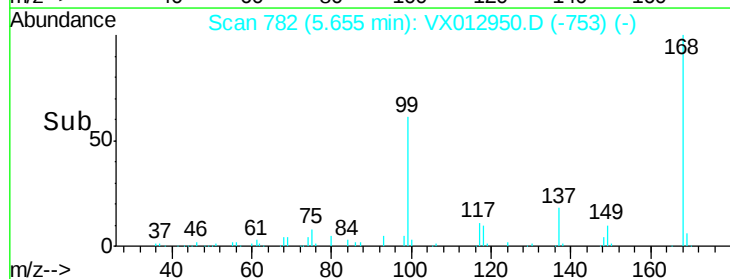
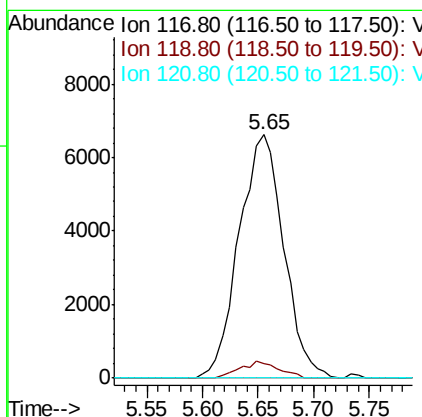
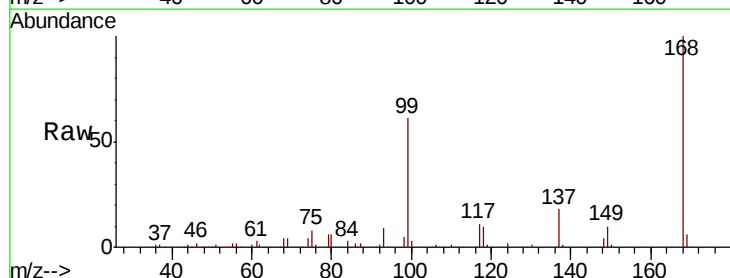
Instrument :
MSVOA_X
ClientSampleId :
W-1

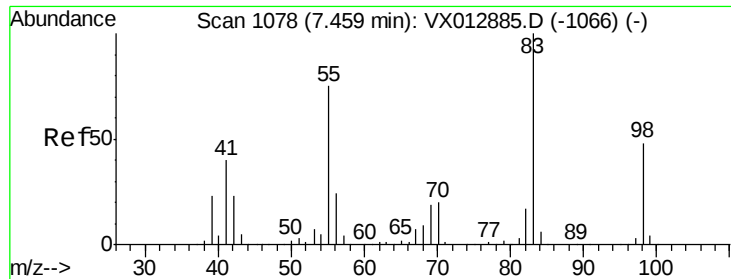
Tot Ion: 43 Resp: 5731
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 7.297 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Tgt Ion: 117 Resp: 18420
Ion Ratio Lower Upper
117 100
119 5.7 74.5 111.7#
121 0.0 24.2 36.4#

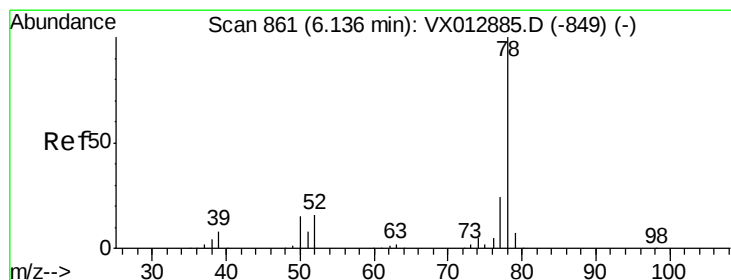
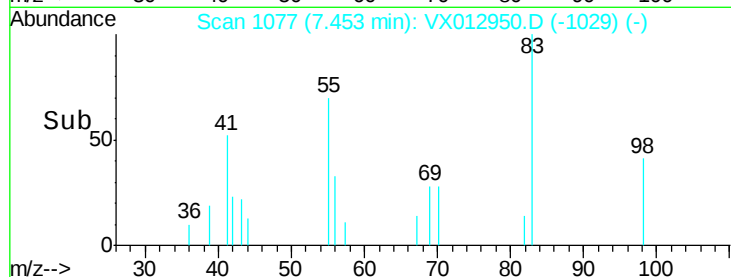
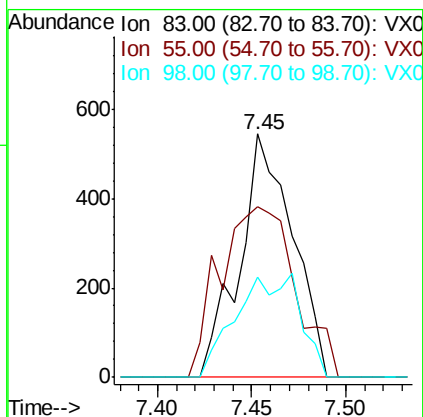
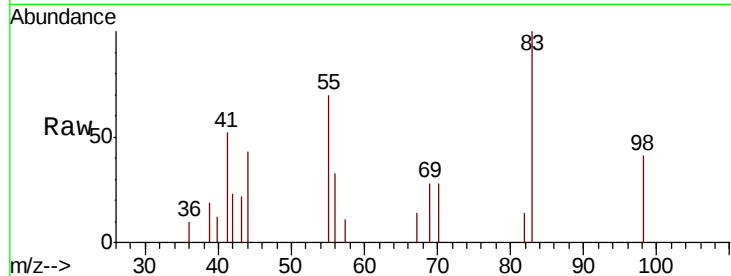




#39
Methvlcvclohexane
Concen: 0.339 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

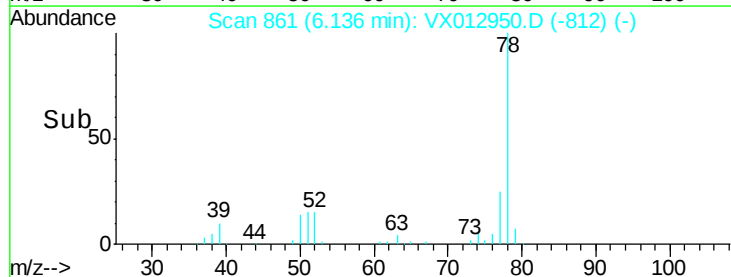
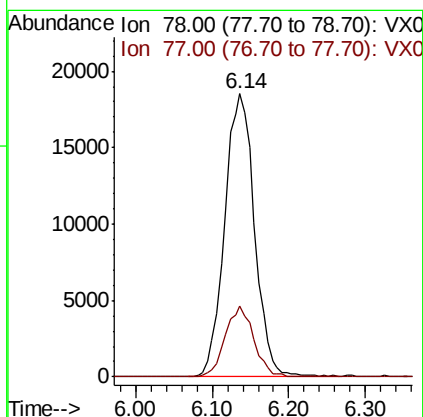
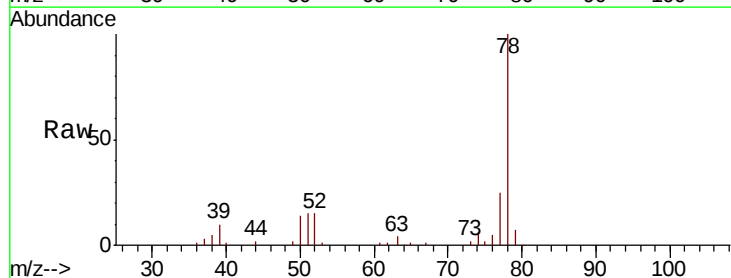
Instrument :
MSVOA_X
ClientSampleId :
W-1

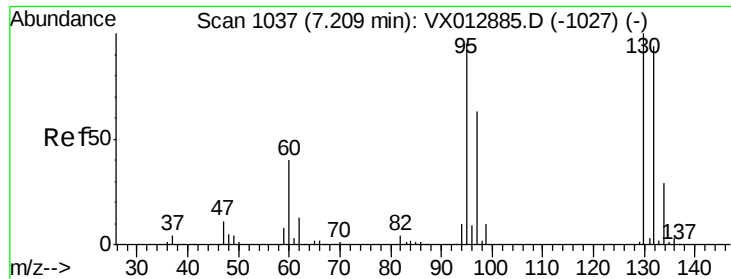
Tot Ion: 83 Resp: 1065
Ion Ratio Lower Upper
83 100
55 70.4 60.2 90.4
98 41.4 38.5 57.7



#40
Benzene
Concen: 6.514 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Tgt Ion: 78 Resp: 49892
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.4

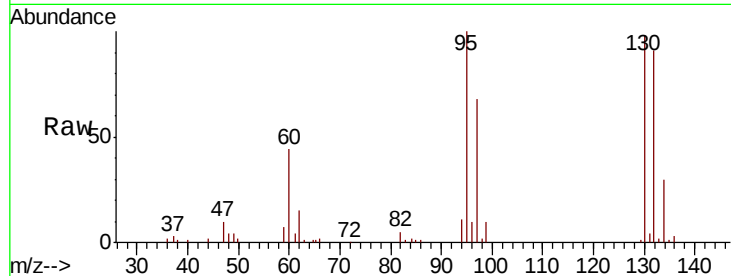




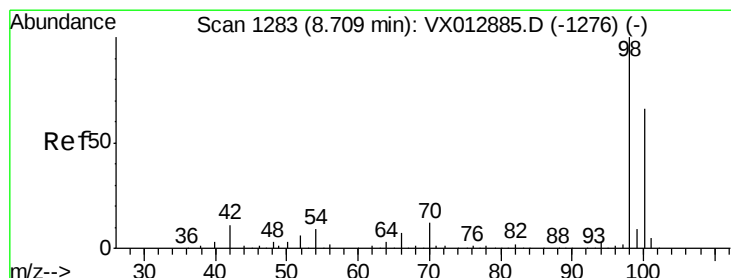
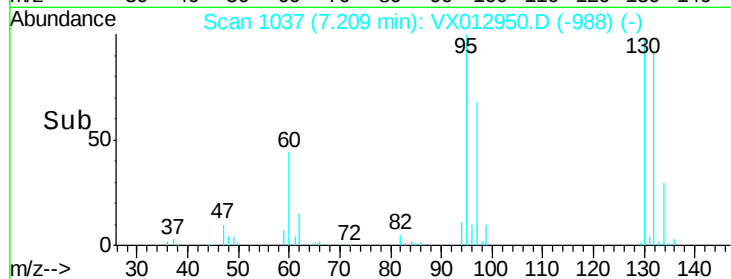
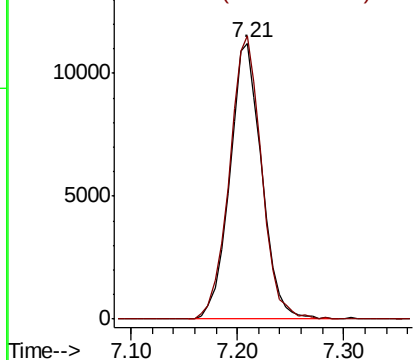
#44
 Trichloroethene
 Concen: 11.072 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX012950.D
 Acq: 09 Oct 2019 18:05

Instrument :
 MSVOA_X
 ClientSampled :
 W-1

Tot Ion:130 Resp: 23516
 Ion Ratio Lower Upper
 130 100
 95 102.4 0.0 189.2

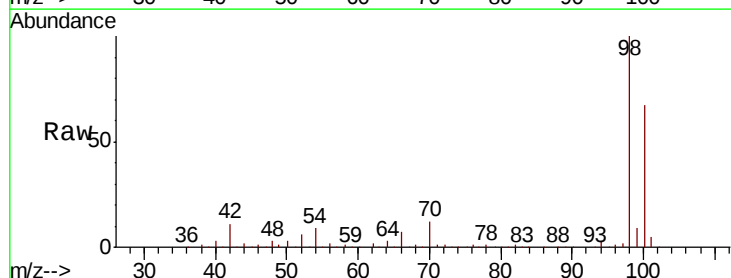


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

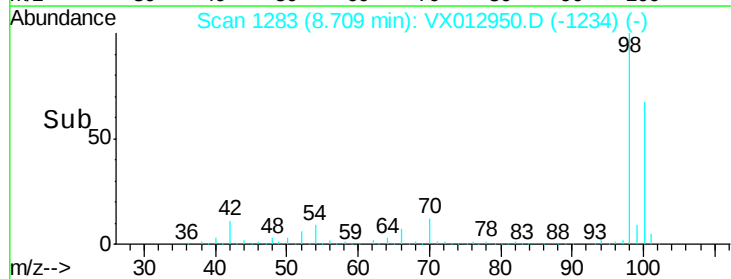
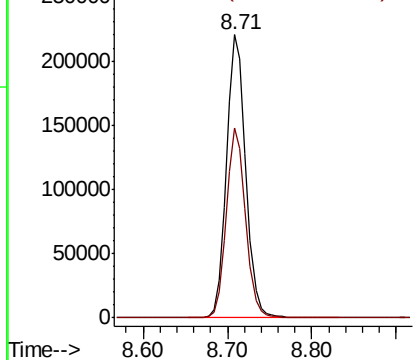


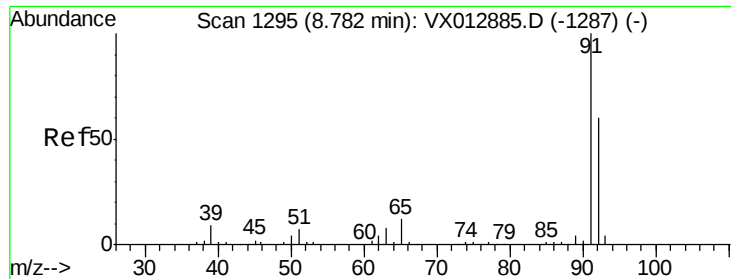
#50
 Toluene-d8
 Concen: 52.310 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012950.D
 Acq: 09 Oct 2019 18:05

Tgt Ion: 98 Resp: 345389
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.785 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampled :

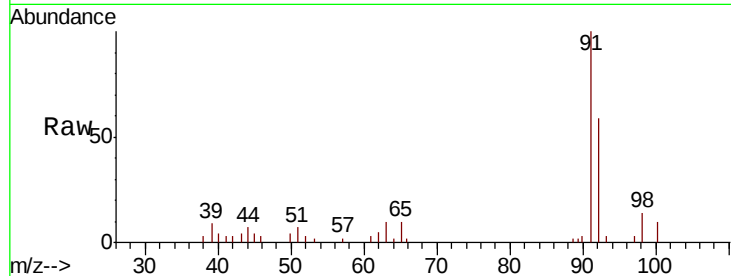
W-1

Tot Ion: 92 Resp: 3846

Ion Ratio Lower Upper

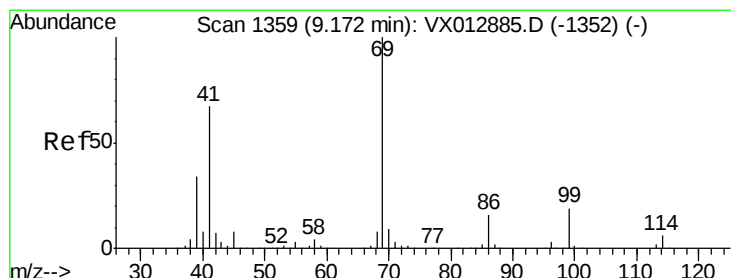
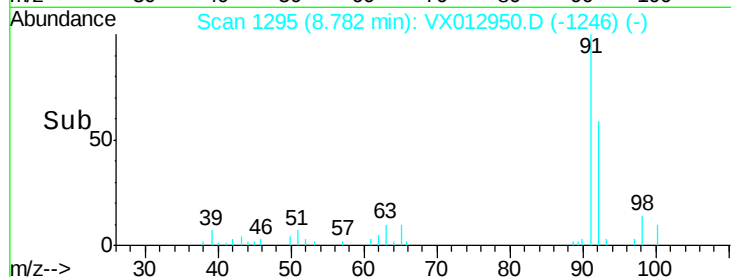
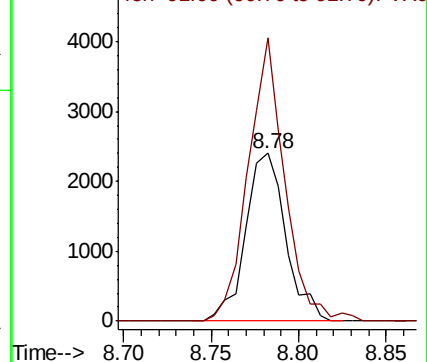
92 100

91 153.4 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#56

Ethyl methacrylate

Concen: 1.882 ug/l

RT: 9.18 min Scan# 1361

Delta R.T. 0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

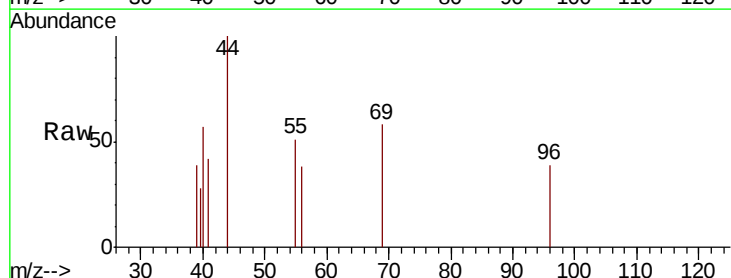
Tgt Ion: 69 Resp: 183

Ion Ratio Lower Upper

69 100

41 151.9 52.1 78.1#

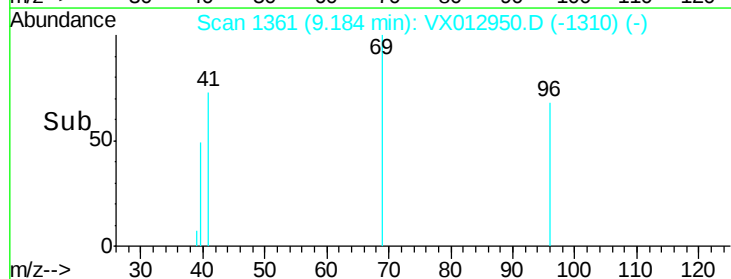
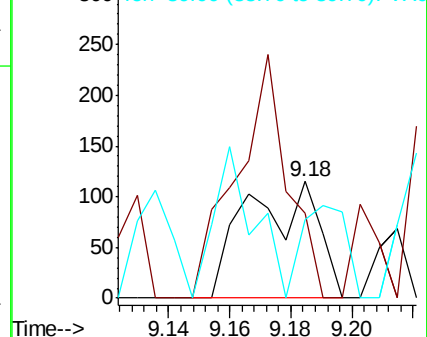
39 50.8 27.8 41.8#

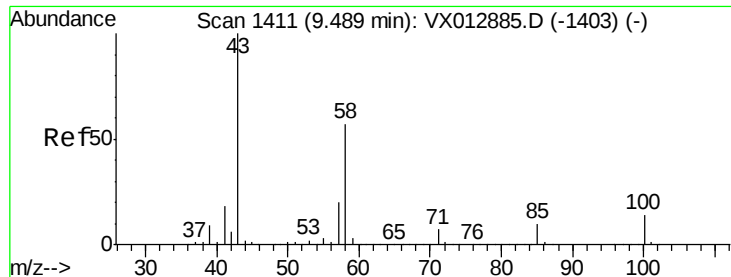


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

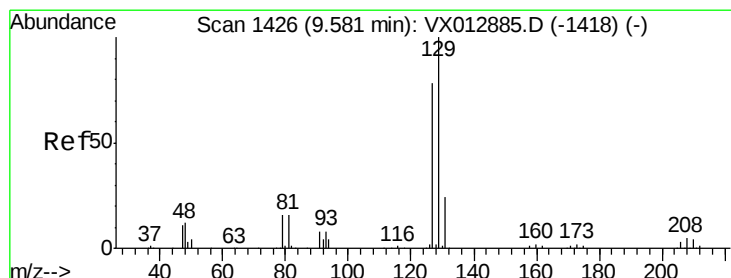
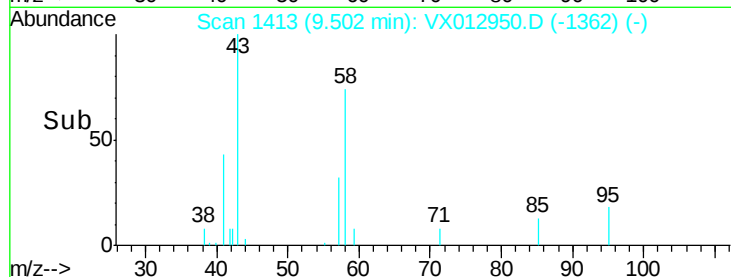
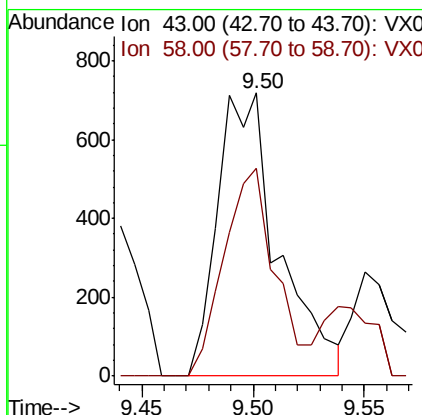
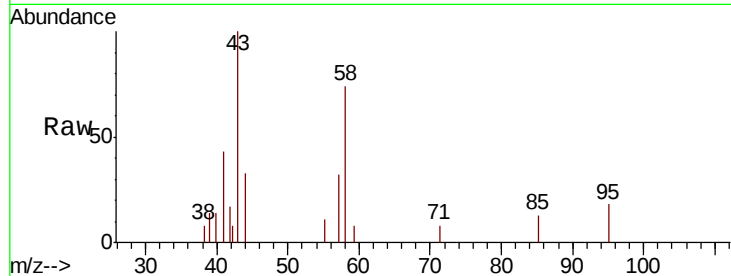




#59
2-Hexanone
Concen: 0.599 ug/l
RT: 9.50 min Scan# 1413
Delta R.T. 0.01 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

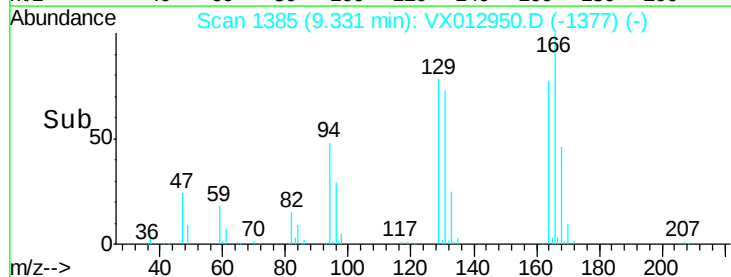
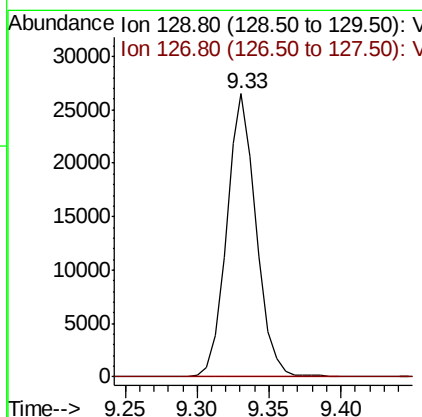
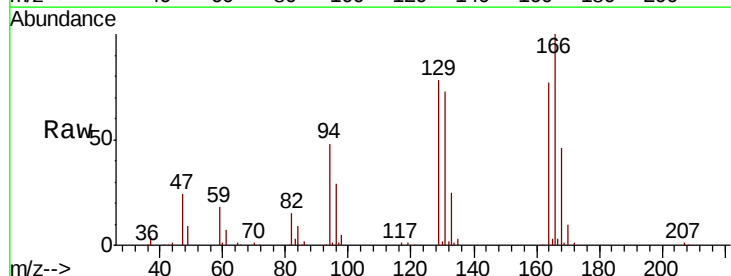
Instrument :
MSVOA_X
ClientSampleId :
W-1

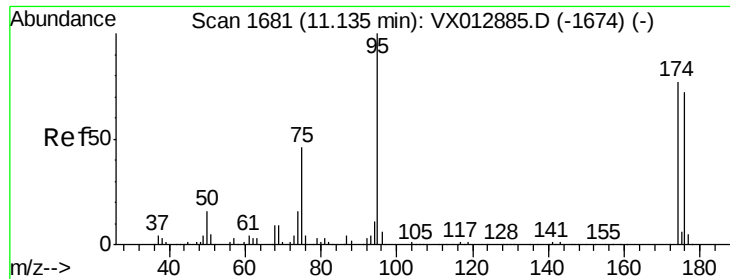
Tot Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
58 62.8 28.1 84.3



#60
Dibromochloromethane
Concen: 18.772 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Tgt Ion: 129 Resp: 37910
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 47.195 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

W-1

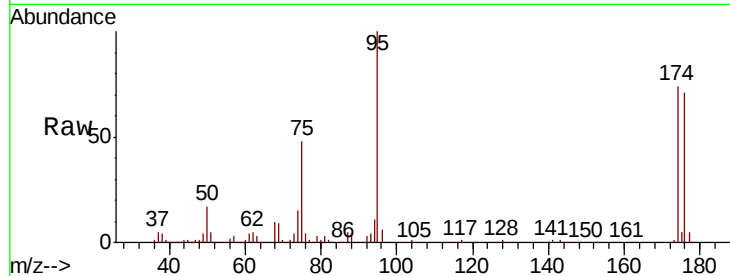
Tot Ion: 95 Resp: 121082

Ion Ratio Lower Upper

95 100

174 71.6 0.0 143.4

176 67.7 0.0 136.0

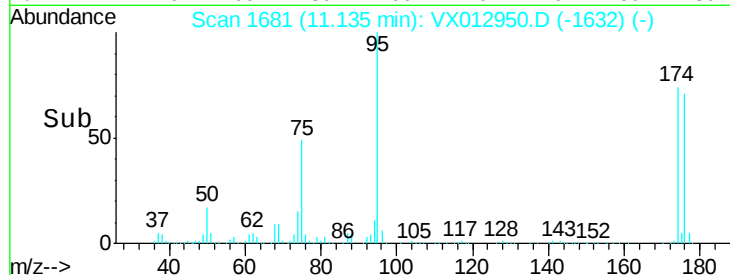


Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012885.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012885.D (-1674) (-)

Time-->

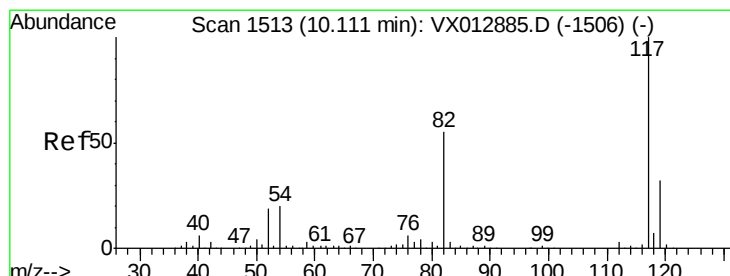


Abundance Ion 94.90 (94.60 to 95.60): VX012950.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012950.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012950.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

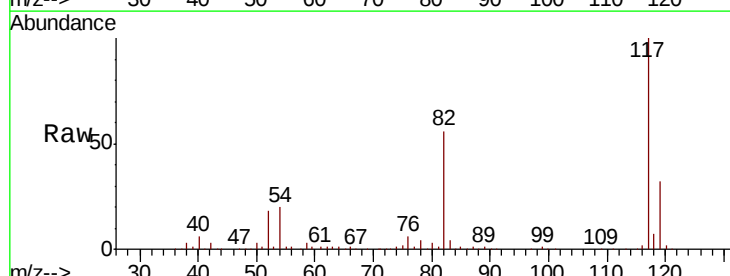
Tgt Ion: 117 Resp: 253955

Ion Ratio Lower Upper

117 100

82 55.7 44.1 66.1

119 32.0 25.8 38.8

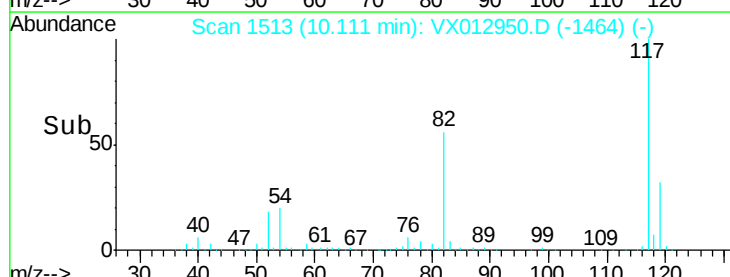


Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX012885.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX012885.D (-1506) (-)

Time-->

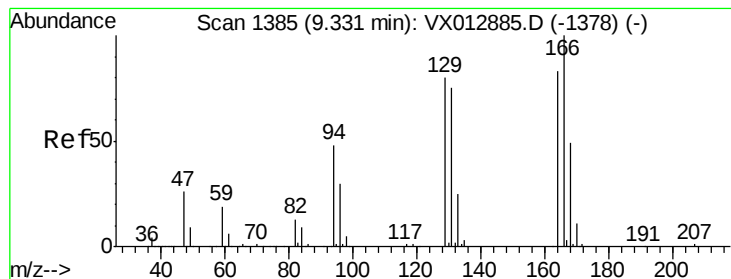


Abundance Ion 116.90 (116.60 to 117.60): VX012950.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012950.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012950.D (-1464) (-)

Time-->



#64

Tetrachloroethene

Concen: 21.341 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

W-1

Tot Ion:164 Resp: 37590

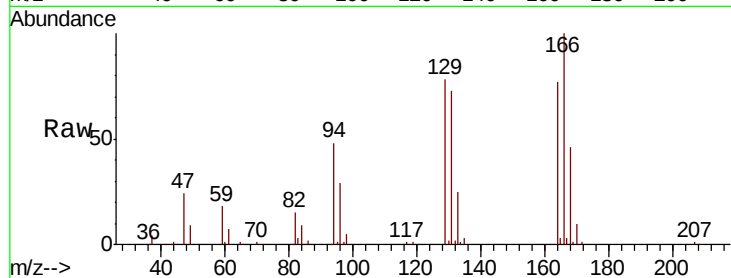
Ion Ratio Lower Upper

164 100

166 130.4 96.9 145.3

129 101.4 77.9 116.9

131 95.7 72.7 109.1

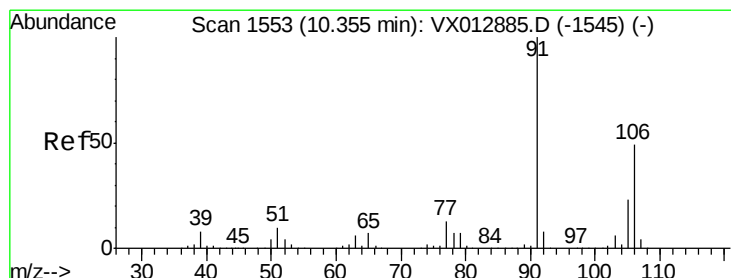
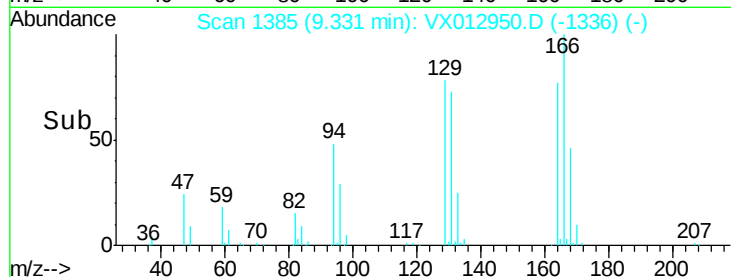
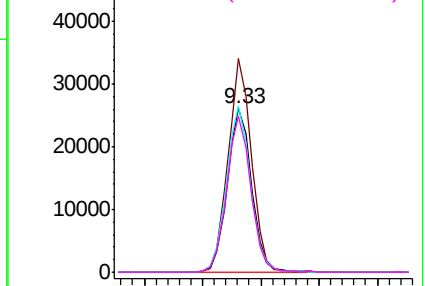


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 0.239 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012950.D

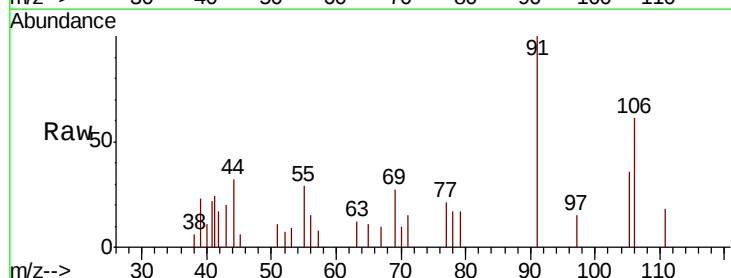
Acq: 09 Oct 2019 18:05

Tgt Ion:106 Resp: 799

Ion Ratio Lower Upper

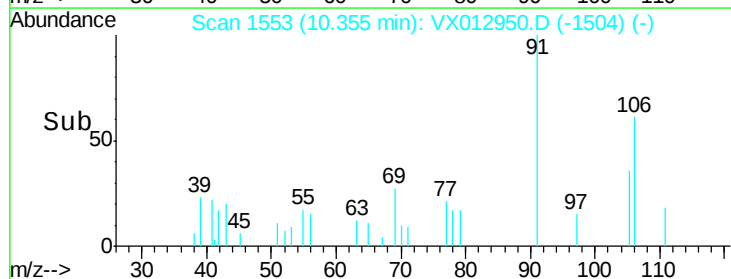
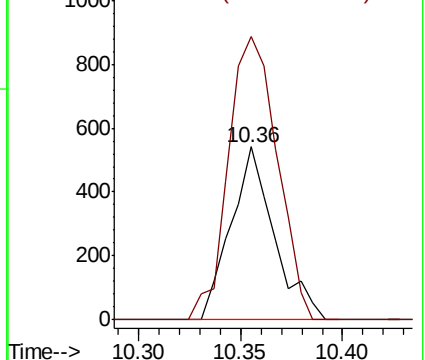
106 100

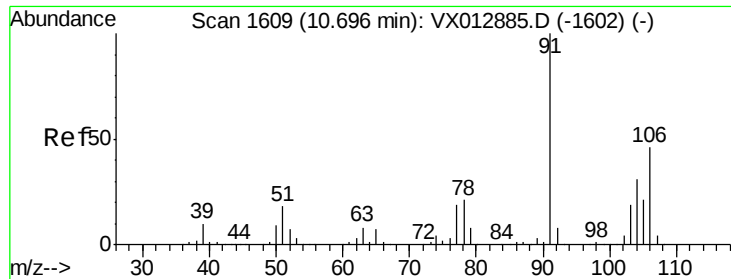
91 184.5 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

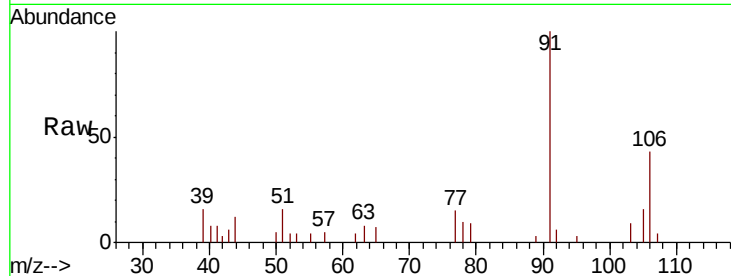




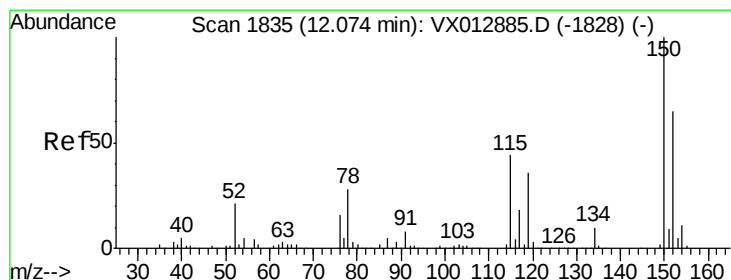
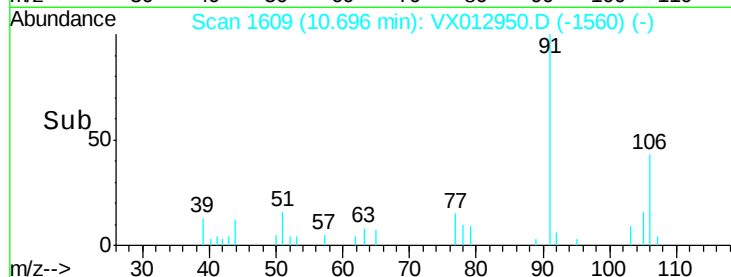
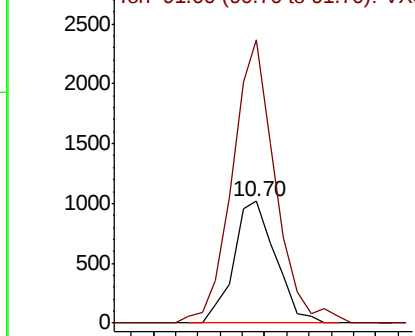
#69
o-Xylene
Concen: 0.409 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Instrument :
MSVOA_X
ClientSampled :
W-1

Tot Ion:106 Resp: 1336
Ion Ratio Lower Upper
106 100
91 238.2 109.1 327.3

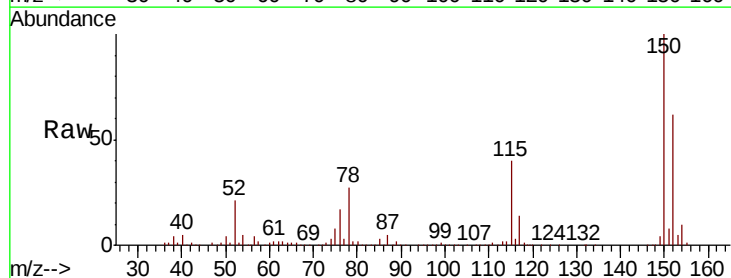


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

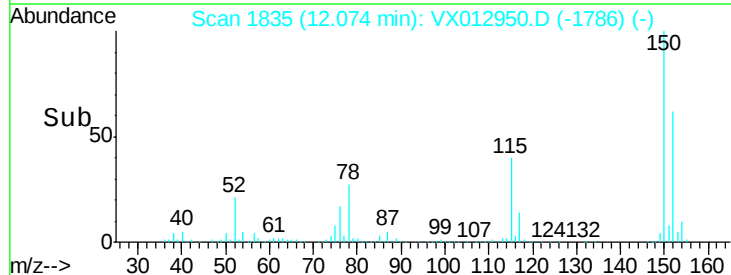
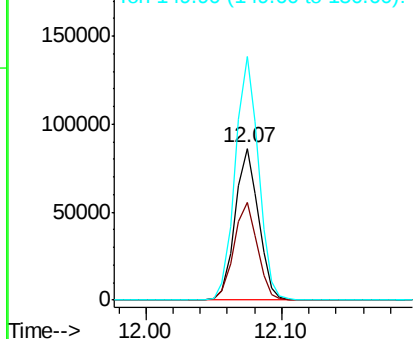


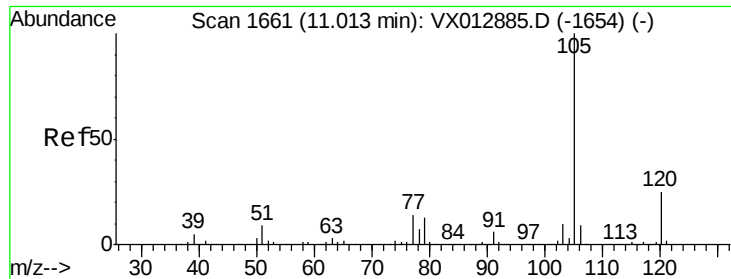
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Tgt Ion:152 Resp: 102826
Ion Ratio Lower Upper
152 100
115 64.9 44.5 133.5
150 160.3 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.270 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

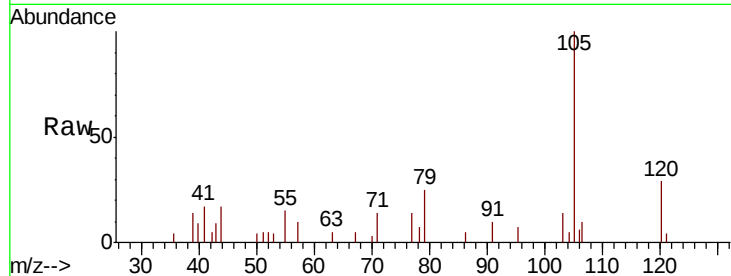
W-1

Tot Ion:105 Resp: 2042

Ion Ratio Lower Upper

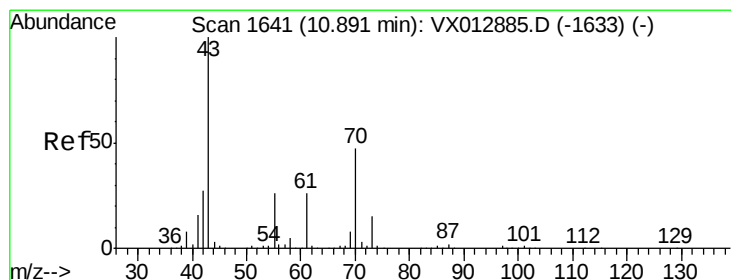
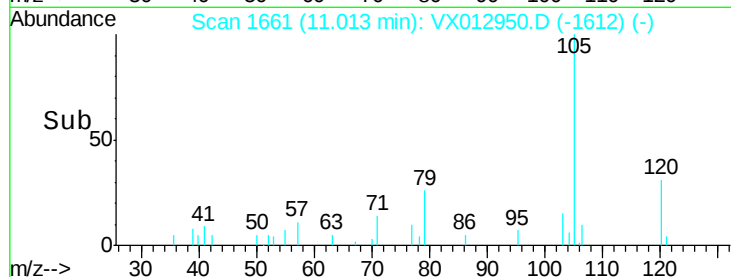
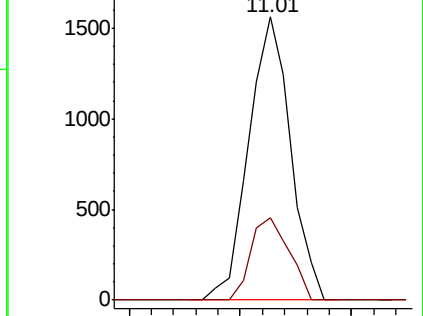
105 100

120 26.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.638 ug/l

RT: 10.95 min Scan# 1651

Delta R.T. 0.06 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Tgt Ion: 43 Resp: 2077

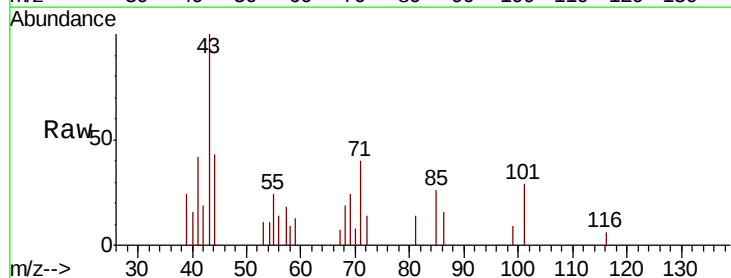
Ion Ratio Lower Upper

43 100

70 0.0 36.4 54.6#

55 0.0 20.2 30.2#

61 0.0 20.5 30.7#

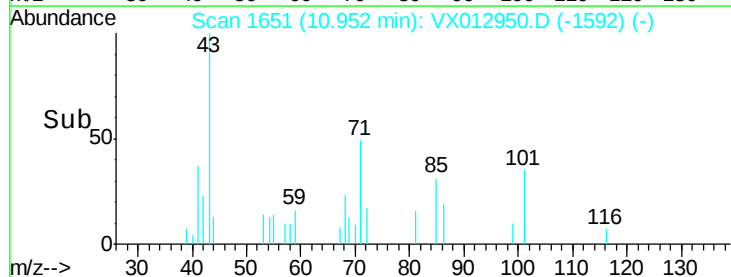
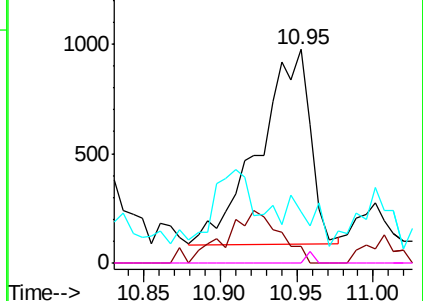


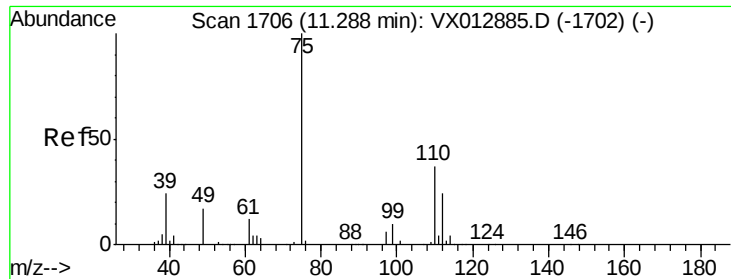
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 26.745 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

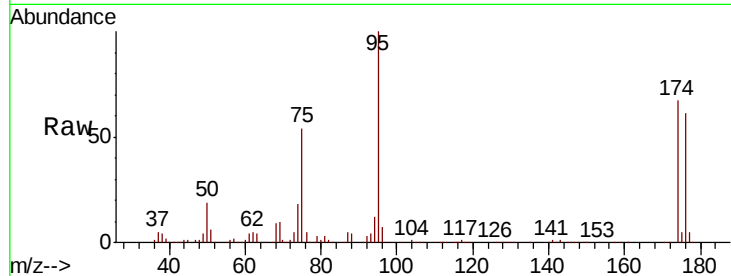
W-1

Tot Ion: 75 Resp: 60997

Ion Ratio Lower Upper

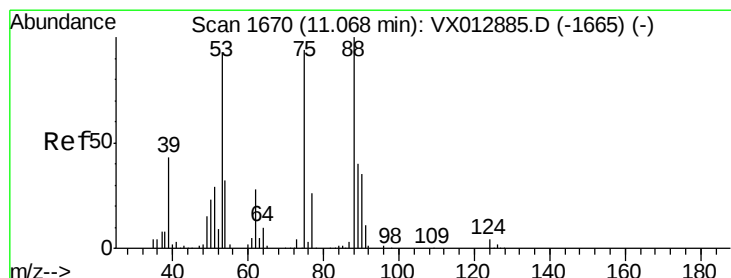
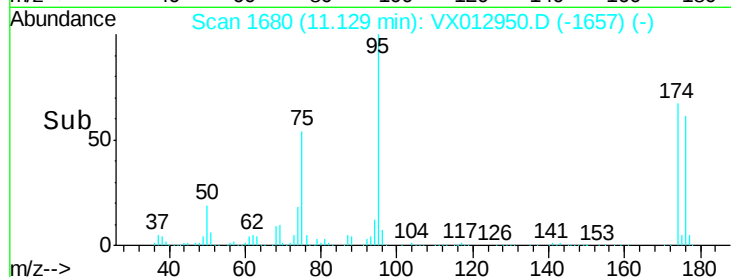
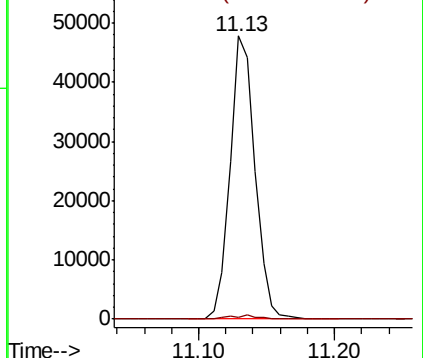
75 100

77 1.4 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 67.241 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

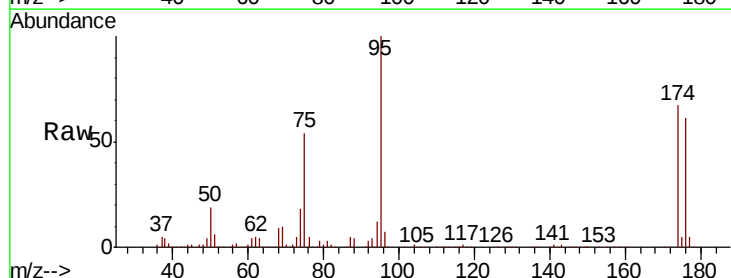
Tgt Ion: 75 Resp: 60997

Ion Ratio Lower Upper

75 100

53 0.4 78.5 117.7#

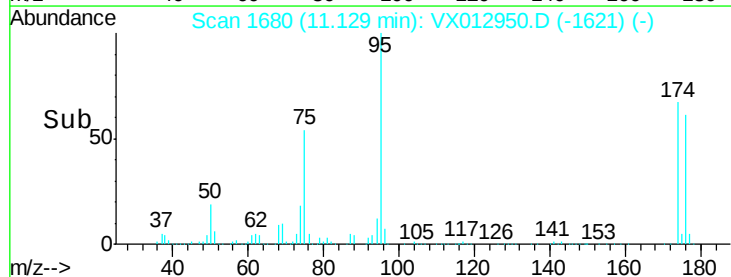
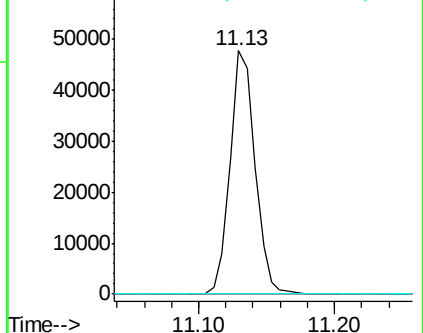
89 0.1 37.4 56.2#

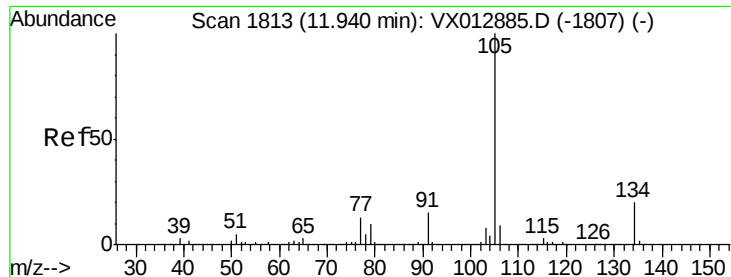


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#85

sec-Butylbenzene

Concen: 0.595 ug/l

RT: 11.95 min Scan# 1814

Delta R.T. 0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

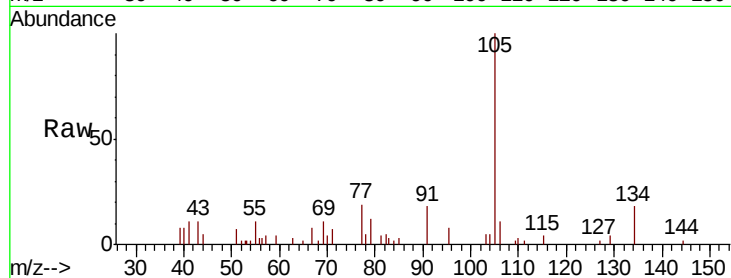
W-1

Tot Ion:105 Resp: 4242

Ion Ratio Lower Upper

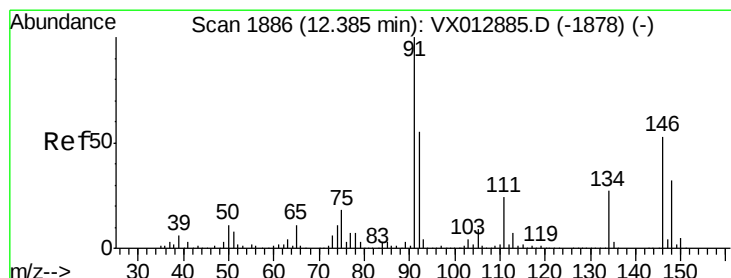
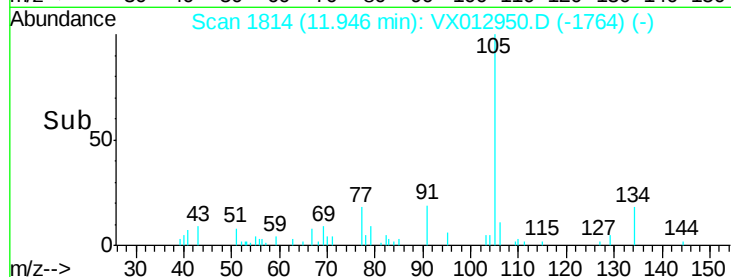
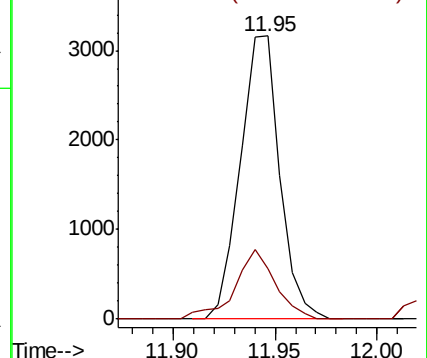
105 100

134 25.0 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.271 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

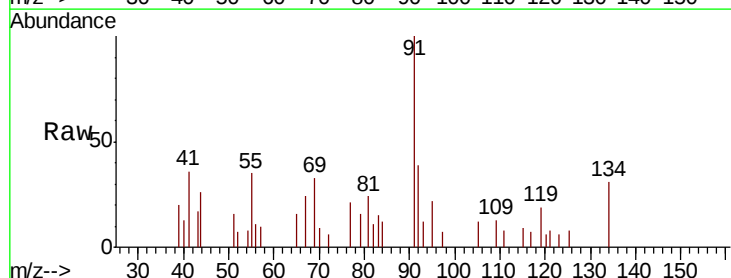
Tgt Ion: 91 Resp: 1505

Ion Ratio Lower Upper

91 100

92 39.7 27.5 82.5

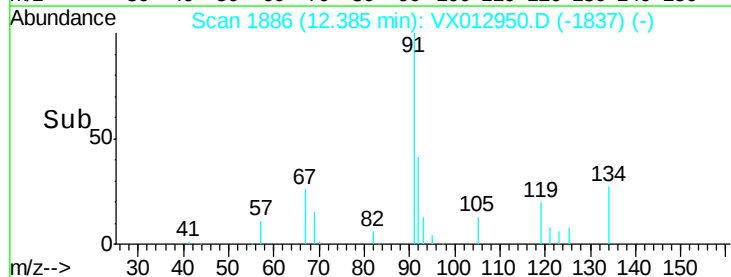
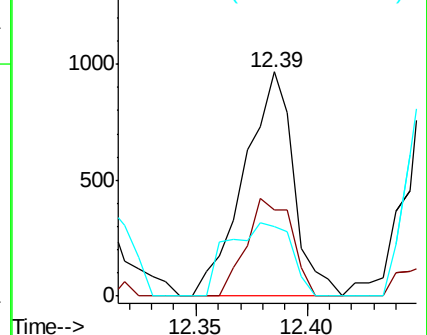
134 41.2 12.9 38.7#

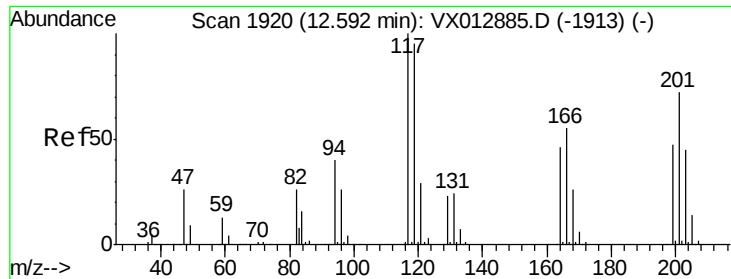


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

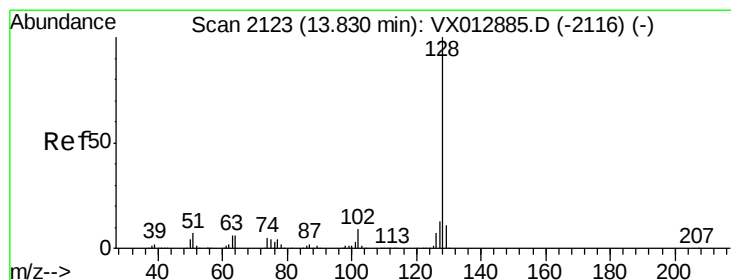
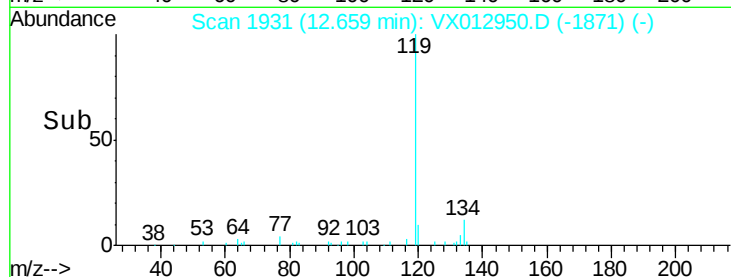
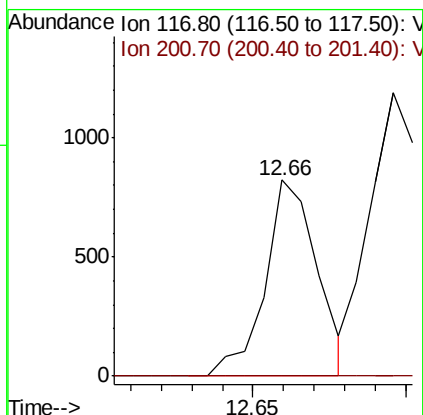
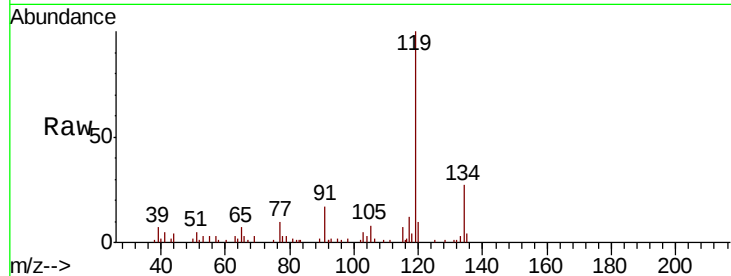




#90
Hexachloroethane
Concen: 2.878 ug/l
RT: 12.66 min Scan# 1931
Delta R.T. 0.07 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Instrument :
MSVOA_X
ClientSampled :
W-1

Tot Ion:117 Resp: 973
Ion Ratio Lower Upper
117 100
201 0.0 36.9 110.7#



#95
Naphthalene
Concen: 0.307 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Tgt Ion:128 Resp: 2161
Ion Ratio Lower Upper
128 100
127 19.2 10.2 15.4#
129 28.3 8.8 13.2#

